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THE ALUMNI
QUARTERLY
OF THE UNIVERSITY OF ILLINOIS

VOLUME VIII

JANUARY, APRIL, JULY, OCTOBER
1914

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OF ILLINOIS

To foster the Alumni Association in January, April, July, October

To foster a spirit of loyalty and fraternity among the graduates and former students of the University of Illinois and to effect united action in promoting the welfare of the University

PRESIDENT OF THE ASSOCIATION, A. N. TALBOT, '81; SECRETARY AND
TREASURER, FRANK W. SCOTT, '01
109 University Hall, Urbana, Illinois

VOLUME IX

JANUARY, 1915

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J. A. OCKERSON, '73, 501 Clara avenue, St. Louis, Mo. - - -	June, 1915
J. N. CHESTER, '91, Union Bank building, Pittsburg, Pa. - - -	June, 1915

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APRIL, 1915

NUMBER 2

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ANNA MARGARETHA LANGE JAMES
*(From President James's
favorite photograph)*

The Alumni Quarterly

OF THE UNIVERSITY OF ILLINOIS

VOLUME IX JANUARY, 1915 NUMBER 1

ANNA MARGARETHA LANGE JAMES

Mrs. Anna Margaretha Lange James, wife of President Edmund Janes James, was a German by birth and training; for she was a woman grown when she came to this country to marry Dr. James, then principal of the high school in the Illinois State Normal University at Bloomington. She was born near Halle, Germany, where President James met her while a student at the University of Halle. She was the daughter of a Lutheran clergyman whose parishes included Schochwitz and Hohnstedt, two villages near the city of Halle. He was a graduate of the University of Halle, a brilliant preacher and extemporaneous speaker sought by societies and clubs as the orator of festive occasions. He was a chaplain in the Prussian army and a keen and skillful debater in church councils. Her grandfather on her mother's side, Wilhelm Gerlach, was professor of philosophy in the University of Halle for more than fifty years. He had begun his career as an instructor in Luther's university at Wittenberg when still a young man. He was called to Heidelberg in 1820 as successor to the philosopher Hegel, when the latter was called to Berlin; but Gerlach took instead the chair at Halle. Mrs. James's great, great grandfather, Dr. Gottfried Heinrich Schäfer, was professor of the classics in the University of Leipzig from 1806 to 1840, and for a portion of this time he was also university librarian. He was an important factor in that revival of classical learning in Germany at the beginning of the nineteenth century which did much to make German universities the center of the world's scientific and educational progress.

As the child of a minister in the established church of Prussia Mrs. James had the social and intellectual advantages of a cultivated society and the best school and home training open to the girls of her time. Her earliest schooling was obtained with the children of the lord of the manor, Herr von Alvensleben, a member of one of the oldest noble families in Prussia. He, in common with the men of his class, employed private tutors for his own children during their early years, and invited such other children to enter the home class as he desired.

She had the usual training of a German girl of her period—home school, boarding school, and cadet residence in cultivated families of her

acquaintance. She passed in due course of time the examination for the certificate of high school teachers for girls' schools in Prussia, one of the most exacting of the kind in the world. She had later opportunity for the study of modern languages and history, having passed two years in Lausanne and Paris for the purpose of acquiring French, which she spoke and wrote with fluency. She spoke and wrote English with the fluency of an educated American woman. She also mastered Italian.

As a girl and young woman she had excellent opportunities for acquiring an appreciation of music and skill in execution, having been a student of the composer, Robert Franz. She was especially devoted to the promotion of the interest in music and language study in whatever institution her husband may have been.

Mrs. James believed thoroughly in the German Emperor's doctrine that *kinder, kirche, and küche*—children, church, and cuisine—should form the chief interest of even the modern woman, and yet she recognized that the world is changing, and became in late years an earnest advocate of woman suffrage. She educated her own daughter for the highest duties of citizenship which the ballot has brought to woman. She was an interested and successful housekeeper, discountenancing in a special way all waste and extravagance.

She was an active, ardent worker in the church, in all its affairs and interests; and though she was devoted to her own church especially, she was deeply interested in all the churches which students attended—Catholic, Protestant, or Jewish. What she saved by her economy and self-denial as a housekeeper she gave away to deserving causes, especially those concerned with religion. From her savings in the allowance for household expenses she subscribed a thousand dollars toward the building of the Young Men's Christian Association for the students at the University, and another five hundred dollars saved in the same way toward the erection of a similar building at Illinois for the Young Women's Christian Association.

Mrs. James was, naturally, an enthusiastic, patriotic Prussian and German. She always decorated her home on the German Emperor's birthday; she trained her children to speak correct and fluent German, and begot in them a lively interest in, and admiration for the best things in German life and character. This did not interfere at all with her equally great devotion and enthusiasm for America and things American. In fact her love for Germany and things German only served to increase her love for America. In the children's study hung portraits of Washington and Lincoln, whom she always held before the boys as examples whom they should emulate. One son, Anthony John, is lieutenant in the American navy, just now, flag lieutenant to Admiral Howard of the Pacific Squadron. The second son, Herman Gerlach (Illinois, '06), is associate professor of politics and government in the University of Texas; while a third child, Helen Dixon (Illinois, '10), is developing a

voice of musical beauty into one of strength and power. Her betrothal has but recently been announced.

In spite of her early associations and training and intercourse with a small exclusive social circle in an aristocratic country, Mrs. James was thoroughly democratic. She believed and acted upon her belief that everybody should be tried by the uniform standard of efficiency and honesty, in the largest and fullest sense of that term. Mrs. James came from an old and fixed society to the semi-pioneer country of central Illinois thirty-five years ago, removed from there to the highly peaceful circles of the Quaker City and then to Chicago, and finally to the quiet academic shades of the twin cities in the heart of the corn belt. Everywhere and always her intelligence, sympathy, shrewdness, and kindly spirit made her equally at home with all classes and conditions of men and women. With an invitation to the court ball in Berlin a year or two ago came the message that the minister wished to introduce to the Emperor a woman who in her own life exemplified to the people of another nation the qualities which made the German people great.

Although by nature an extremely social and hospitable woman, she did not seem to care for social prestige or success, in the ordinary sense of that term. She much preferred to spend her leisure time with people who needed her help, rather than cultivate social relations of the ordinary type. She had little interest in the affairs of "polite society" in the narrower meaning of the phrase. On the other hand, she seldom sat down to luncheon or dinner in her own home without having one or two guests, most often from the ranks of the instructors or assistants or their wives, because in the first place she keenly enjoyed such social intercourse herself, and in the second place she felt that it might be of some little service and refreshment to them. "The society people," she often said, "do not need me." Nothing made her happier than the betrothal of a young member of the faculty except the coming of a baby. She was a grandmother to all the faculty babies. She knew when they were coming and was on hand with some attention to welcome them, and if grief or sorrow came to a young woman she was glad to comfort or assist. She followed the scriptural injunction of rejoicing with them that rejoice and weeping with them that weep. She put her whole life and fortune as fully as the President himself into the work of the University, making it her business to help the assistants and new or younger members of the faculty feel at home in their work and life. With a rare discretion she also carefully refrained from ever trying to run the University or reform the course of University policy. Many have been the attempts as a matter of course to influence the President's action through the unbounded admiration and affection he was known to entertain for her. To such advances she always answered, "I do not attempt to interfere in any way with the conduct of University affairs by my husband. That is his business, not mine. I could not influence him in such matters if I

would, and I would not if I could. I trust his good will and good judgment. Let me know how else I can serve you."

Mrs. James was deeply interested in everything which concerned the life and welfare of the student. She was a welcome guest at their social affairs, and was always exerting her personal influence in the direction of the highest ideals of life and conduct.

Mrs. James had a vivid sense of humor, and her gift at repartee was the source of much amusement and enjoyment to her friends. She had a remarkable memory for names and faces. It is said that she knew and could call by name all of the students on the campus of Northwestern University—nearly two thousand—after a residence of two years. It is impossible of course to know by sight and name any more than a fraction of the thousands of students on the campus of the University of Illinois. The faculty itself is so large that it is no small task for any one person to know all the members. But Mrs. James came as near performing this feat as any one except the Dean of Men himself.

She had, finally, the rare quality of utter and complete frankness combined with a universal sympathy which counteracted the usual unpleasant results of such frankness. "She came nearer speaking the plain, unvarnished truth at all times and to all people than any person I ever knew," said a long time friend of hers, "and how she did it and still managed to keep the love of friends and the admiration of critics is more than I can understand. It must have been because everyone saw and felt the genuine sympathy which she had for every person she met, and especially for everyone who was in any sort of trouble or anxiety. Her heart went out to mankind high and low, rich and poor in a truly remarkable way."

It is safe to say that in his work in the University of Illinois, the President has had no more efficient coadjutor, the faculty and students no more sincere and helpful friend, than this versatile woman, who combined in herself the best inheritance of the civilization of the Old World with the keen and open-minded intelligence and lofty aspirations of the New.

TOWARD ECONOMIC DEMOCRACY¹

DAVID KINLEY

This physical stone, a cornerstone of a building intended to serve for the higher education of future business men, is the physical type of an ideal cornerstone that the forces of society are now laying for a new superstructure of American business life and practice. The thoughtful observer of economic, and particularly industrial and commercial, development, is well aware that a change has come over the spirit of American

¹An address delivered on December 3 at the exercises attending the laying of the cornerstone of the Administration wing of the Commerce building.

business men. They are inquiring critically into their practices, their ideals, their success and failure. This self-analysis, accompanied as it is by criticisms from outside parties, is due in large measure to the fact that only recently have we come into the position of a commercial world power. Up to a very recent time American business was almost exclusively a home affair. Men in trade, and, indeed, in industry, found it comparatively easy to make a success of business, in the wealth of opportunities that our great natural resources supply. No special skill was needed in a corner grocery or a small bank, or, indeed, a business of almost any kind in a country town. So easy was success that business men and many others came to think that no special educational preparation for business life was either necessary or possible. For this alleged reason it was not uncommonly supposed that business required qualities which not only could not be acquired by, but were foreign to, school training, and a false contrast between the academic and the practical came into fashion.

Of late years, however, we have found ourselves reaching out for foreign trade and have found also keener competition among ourselves in domestic trade and industry. The cream of opportunity for success without special preparation has been taken. More fall by the way in the competitive race. Hence, it has been necessary to turn our attention to the subject of education for business life. Success requires greater efficiency, a more specific adaptation to particular callings and sub-callings. The number of people and the diversity of talents seeking success are greater and the competition is fiercer. Only those groomed for the race can hope to stay in it to the end. This lesson has been forced on us all the more because of the success of people of other countries in utilizing education for commercial success. We have found ourselves on many occasions beaten by the technical skill of competitors who have no greater natural talent than ourselves. In short, we have seen the need for more careful educational training.

Another movement, which is part of a larger social trend, has also taken place in business. The ideals of democracy are pushing into economic as they have into political activities. Business is being called more and more strictly to account for the proper and honorable discharge of its service to the people. They are demanding that it shall be not only efficient, but that it shall promote public welfare in an ethical, and general social, as well as economic, way. The injection of democracy into business life demands an uplift of the ethics of business practice, an improvement of business morals, a setting up of a higher ideal of business conduct. From the point of view of a democratic people, it may be that this is even more important than efficiency. For there is an eternal conflict between democracy and efficiency, and among people like ourselves and a government like ours it is more important that we should conserve our democratic ideal than that we should make a large business

success in a quantitative sense. Nevertheless, a certain equilibrium between the two ideals of mere efficiency and ethical social service is doubtless attainable. The achievement of this equilibrium by the establishment of proper standards, both for efficiency and for social service, by business, in keeping with the accepted code of ethics, is, in a large measure, the purpose of education. It is to that service that the colleges and schools of commerce throughout the country, in so far as they are conscious of their purpose, have set themselves. Here at the University of Illinois in particular, in our Courses in Business Administration, to be soon called a College, we have had both efficiency and ethical ideals steadily in mind. We have set it before ourselves as part of our purpose to turn out young men who shall not only be more efficient business men, but who shall play their part in improving business morals in making business more honorable, in making it a larger tool of social service, in establishing in practical life the theory that the largest success in business, as in other lines, is to be achieved through the largest measure of service to the public. To this end that part of the building of the School of Commerce already erected was duly dedicated. To this end the staff have consecrated themselves, and to this end this new superstructure, whose cornerstone we are laying today, will continue to serve, so that oncoming generations of young business men will have the training and the knowledge and the technical skill which will bring them personal success, and enable them to do a larger public service in achieving it.

This time is peculiarly fitted for the pronouncement of these ideas and for the erection of a new building dedicated to establishing them; for the world is in a ferment unprecedented in character, that is causing us all to revise our scale of moral values. We are receiving a warning that unless we are careful we may achieve efficiency at the expense of individual liberty; and democracy, if we be not on our guard, may be strangled by an effort to establish a business that is merely the "biggest" in the world. Opportunities such as we have never had before are opening to us in foreign trade. The time has come when we can serve the world by our industry and trade more largely than ever before. The time is here when, in so serving it, we can spread the spirit of national good will and knit more closely to ourselves peoples and countries whose interests are becoming more identified with our own. It is therefore to the training of young men who will accomplish these purposes: the attainment of efficiency; the improvement of business morals; the strengthening of kindlier international feeling, that we have consecrated our work, and that we shall in time dedicate the building whose cornerstone we are laying today—laying, we trust, to the glory of God and the prosperity and honor of Illinois.

NEW LIFE FOR THE AUDITORIUM

THE ORGAN—BY THE SUPERVISING ARCHITECT

JAMES McCLAREN WHITE, '90

Until the last few years the University's chief aim in designing buildings has been to enclose as much space as possible for the money. This was true of the Auditorium, which, as it has stood for several years, was shorn of all interior decoration and bobbed off on the south by the omission of the stage house. It was still a monumental building of commanding exterior and with a beautifully proportioned interior, however. The nucleus of a great building has been waiting ten years for the hand of the scientist and of the artist to add the embellishments which prove its worth. These improvements have now been made, and the great audience room presents a beautifully harmonious, dignified, and satisfying interior. But it is still far from completion, and it is likely to be another decade before the present south wall is pierced to form a proscenium for the new stage, or it may be even longer, for the hall in its present condition is so satisfactory that it will be hard to meet the "let well enough alone" argument which is sure to arise with the first suggestion of the need of completing the building.

Ten years ago no one thought that the Auditorium would ever house an organ which could not be placed on one side of the stage above the rear gallery stairs. Our ideas have developed rapidly since then. For the present organ, both sides had to be utilized, making a divided organ with a distance of seventy-five feet between the centers of the two lofts.

The floors of the lofts are 24 feet above the level of the stage and each has an area of 364 square feet, with a height of 22 feet to a ceiling built in below the outer dome. The outside walls of these lofts are vertical but the inner ones are mostly formed by the curved surfaces of the ceiling of the audience room. The absence of any vertical surface between the loft and the audience room prevented a visible arrangement of the pipes, but the sound is given free exit from the lofts through ornamental plaster grills covering the pendentives on either side of the stage.

The unusual features of the installation are the great height of the organ above the audience and its division into two sections which are as far apart as the distance from either to the center of the audience. The height does not seem in the least objectionable, but the wide separation of the sections, though it results in delightful antiphonal effects, does not seem to me entirely successful when the full organ is on. The largest pipe is 32 feet in length. The smallest is about one-half inch long and less in diameter than a lead pencil. The action is electro-pneumatic, the electric action extending to within a few inches of the base of each pipe. The wind is furnished by a two-stage fan driven by a fifteen horse-power

motor, the maximum pressure being fourteen inches of a water column. The lower pressure from the first stage of the fan is modified by weights on the bellows to give pressures varying from four inches to nine inches for the smaller pipes.

The decision to install an organ resulted in an immediate attempt to cure the acoustical defects in the building, because the voicing of the organ for the hall as it was would have been quite different than for the hall as it is. Fortunately, Dr. Watson had the problem well in hand and



WEST SIDE OF INTERIOR AS SEEN FROM THE STAGE

only needed to be advised how to apply the absorbing felt so as not to mar the architectural effect of the interior. The side walls above the gallery and the dome above the crowns of the arches being spherical surfaces, were more difficult to handle than the rear wall which is a surface of single curvature. All these surfaces are now covered with rep in its natural color fastened to furring strips applied radially on the dome and vertically on the walls, and approximating so closely to the curvature of these surfaces as to be unnoticeable to the casual observer. Half the area behind the rep is covered with hair felt one inch thick and specially treated to make it vermin-proof. The application of this material and the cutting in of the organ grills necessitated scaffolding the entire interior

and offered an opportunity for redecorating the room. It is now in ivory tones with sufficient ornamentation to give a charming effect.

The method of lighting has also been so changed that now there are no suspended fixtures in the room. The wall brackets have been retained, but the main lighting is of a semi-indirect character from reflectors above the dome and the arches.

THE ORGAN—BY THE MUSIC SCHOOL DIRECTOR

JOHN LAWRENCE ERB

When the Auditorium was built the plans allowed for the inclusion at some later date of a great organ as one of the musical assets of the University. For a number of years nothing definite was accomplished, but in October, 1913, the Trustees appointed a committee to make recommendations. The committee consisted of Professors R. M. Alden, G. E. Frazer, E. W. Morphy, H. H. Stoek, J. M. White, and C. H. Mills.

The trustees of the University at first appropriated \$15,000 toward the purchase of a possible \$25,000 organ, the intention being to build only a part of it and later to finish it. The later decision was to increase the amount by a supplementary appropriation of several hundred dollars and build a complete instrument at the start, with the possibility of adding an echo organ in the future. Investigations were made of the important organs and organ factories of the country, and the particular needs of the University were studied. Letters were written to important musicians and experts asking their opinion as to the merits of the prominent builders. Professors White and Mills visited the most important factories and listened to about twenty-five organs. The builders finally selected were Casavant Brothers, South Haven, Michigan.

The specifications include fifty-eight stops with all the mechanical accessories which go with a thorough modern instrument, including couplers of all kinds, combination pistons adjustable at the key-board, crescendo and sforzando pedals. The grouping of the stops is in five sections, four manuals and pedals. The richness of the full organ and the dignity of the pedal sections are particularly noticeable, though scarcely more so than the delicacy of many of the individual stops. The tone quality in all particulars is most satisfactory.

In the building of the organ it was found necessary to divide it into two sections. The pipes of the great, choir and solo organs are above and to the left of the stage and the key-board; those of the swell and pedal organs are above and to the right. The entire organ is above the level of the stage proper,—that is, the floor is about on a level with the beginning of the stage arch. This gives opportunity for fine antiphonal effects, and for the tone to sound to the very best advantage. Although rather uncommon, the fact that the pipes are absolutely hidden from view

should prove an advantage rather than otherwise, when it is remembered that there are upwards of 4000 pipes in the organ.

The organ was played for the first time at the funeral services of Mrs. James, on November 16, but the first recital was given on the afternoon of November 22 by J. Lawrence Erb, Director of the School of Music and University Organist.

On account of the uncertainty of the date for the completion of the organ, it was thought best not to arrange for the dedicatory recital until December 2, at which time Charles Heinroth, Organist of the Carnegie Institute in Pittsburg, played before a large audience.

It is the plan of the University authorities to have a series of recitals every Sunday afternoon during term time between four and five o'clock, when the master works of the various schools of organ composition will be presented, together with arrangements from the classics. It is the hope and expectation of the University that these recitals may go far toward creating that atmosphere of artistic culture which is so essential a part of life at Illinois.

THE CONQUEST OF THE AUDITORIUM ECHO

FLOYD ROWE WATSON

Auditors who have had occasion to listen to music or speaking in the Auditorium at the University doubtless remember not only the annoyance experienced because of the faulty acoustics, but also the questions that arose in their minds concerning the existence of such acoustical troubles, and the failure of architects to eliminate these defects. It is the purpose of this article to answer these questions, at least in part, by giving an account of an investigation of the acoustical properties of the Auditorium, and to indicate how the troubles have been modified.

The Auditorium was truly an acoustical wonder. A watch ticking on the pulpit could be heard far away in a particular point in the balcony. A whisper started by an observer on the stage could be heard distinctly after it had traveled a distance of 225 feet. Echoes were heard from every direction and reverberations continued for a number of seconds. Speakers found their utterances thrown back at them and auditors all over the house experienced difficulty in understanding what was said.

While the Auditorium allowed all these interesting and curious phenomena to be set up, it presented at the same time a very complex problem when the question of improving the acoustical condition was considered. In view of this complexity and because of a desire to find out the general principles of the subject, it was decided at the outset not to use "cut and try" methods of cure, but to attack the matter systematically so as to ascertain first what the acoustical defects were and then to investigate the various possibilities of correcting the faults.

When a speaker addresses an audience, the sound proceeds in ever-widening waves until it suffers reflection, absorption, or transmission. The portion that strikes the audience is almost completely absorbed;—if it strikes a smooth, hard wall most of the energy is reflected and but little absorbed or transmitted. This lack of absorption causes the chief acoustical defects. The words of the speaker are reflected from wall to wall so that several seconds may elapse before they finally die out. Other words follow and mix with the preceding ones and produce a con-



FRONT VIEW OF INTERIOR AS SEEN FROM THE STAGE

fusion that is called a *reverberation*. The cure, of course, is to treat these reflecting walls with materials that will absorb the sounds quickly.

Another acoustical defect is the *echo*, as when an auditor gets the sound directly from the speaker and then an instant later a repetition of the sound. The reverberation and echo are the two principal acoustical defects. Other minor faults may also exist; the sound waves reflected from a wall may meet the oncoming waves in such a way as to produce interference, that is, a concentration of sound in some positions and a dearth of sound in others; when the waves impinging on a reflecting wall are in tune with the natural period of vibration of the wall, they produce resonance.

The problem of cure confines itself to treating reflecting walls in

such a way as either to break up the regular reflection or else to absorb the incident sound. Reverberation may be cured by installing absorbing material on the walls. To cure an echo it is necessary to treat the reflecting wall that sets up the echo so as to break up the reflected wave. This may be done either by altering the form or position of the wall so as to reflect the sound in a direction where it will produce no trouble, or by so modifying the surface of the wall by panels of suitable pattern and dimensions as to break up the reflected wave. Finally the wall may be padded by absorbing material so as to absorb a large part of the incident sound.

A few words should be written concerning the popular opinion that stretched wires and sounding boards are of value in improving defective acoustics. Experience shows that wires are of practically no effect and that sounding boards are useful only under special circumstances. Wires have much the same effect on sound waves that a fish line in the water has on water waves. Some experiments on sounding boards will be described later in the discussion.

The general considerations were applied to the case of the University auditorium. The reverberation could be cured by padding the walls, but there was no assurance that the echoes would disappear. Therefore an investigation of the echoes was undertaken and lasted several years.

If an observer stood on the stage and clapped his hands, a chaos of sound resulted; echoes returned from every direction. The task was to locate the echoes, to trace out a small bundle of sound going in a definite direction and to see what became of it after reflection, then to trace out a neighboring bundle, and so on until some general analysis was obtained that showed which walls produced the echoes. The method was simple enough but no satisfactory apparatus was at first available. The ticks of a watch were directed by means of a reflector to different walls and the reflected sound located so that considerable data was thus obtained. A louder sound was then used, namely, a metronome that was shut up in a box so that sound could escape only through an opening and be directed by means of a horn. But there still remained an uncertainty as to the exact paths pursued by the sound. This was finally discovered by using an alternating arc light at the focus of a parabolic reflector. The arc gave forth a hissing sound that traveled with the light, and of course revealed the place where the sound struck. The reflected waves were readily located and a systematic analysis was made showing the main paths pursued by the sound.

Experiments were then carried on in accordance with the results of the analysis to improve the acoustics. Sounding boards, or more properly, reflecting boards of various kinds were tested. A flat board about five feet square was placed at an angle over the position of the speaker. This proved to be of small effect as was also the case when a large canvas sheet 12 by 20 feet was similarly mounted, although speakers said the

ease of speaking was increased when they stood under the canvas. A parabolic reflector was then tried and gave much better results, but it had several disadvantages. It was necessary for the speaker to keep closely to the focus of the parabola to have the sound proceed properly. Any movement on his part would diminish the efficiency of the reflector. Also the sound worked both ways so that all kinds of noises, etc., on the part of the audience were focused at the speaker's ears. The reflector was suited only for a single speaker and would not serve for concerts or plays where the entire stage was used. Furthermore it did not reduce the reverberation materially.

Canvases were then hung in various positions in the hall to determine the effect of cutting off certain walls from the action of the sound. Absorbing materials were also hung at critical points suggested by the analysis. The final provisional cure was brought about when four large canvases were hung in the dome. For the first time speakers could talk with comparative ease without suffering great annoyance from echoes.

From the acoustical standpoint, the Auditorium was then in fairly satisfactory condition. The canvas curtains however, were very unsightly and did not accord with the architectural features of the room, so steps were then taken to discover a new arrangement that would satisfy both the acoustical and architectural requirements. It was necessary also at this point to calculate by Sabine's formula for amount of absorbing material required to reduce the time of reverberation to the proper amount. This introduced a new difficulty since the amount of material calculated was insufficient to cover the walls that produced the echoes. It was very necessary to eliminate the echoes, and yet it was undesirable to make the Auditorium too dead for sound by installing too much absorbing material.

In the face of these difficulties it was decided to carry on some further experiments before making the final cure. One of the large curved walls was covered with vertical strips of hair felt 30 inches wide placed 30 inches apart to leave bare wall spaces between them. This arrangement was satisfactory in several ways. It did not change the curvature of the wall. It is theoretically more efficient in breaking up the reflected sound than if the whole wall were covered with the same material, and it used a minimum amount of material. The results obtained were encouraging, and another wall was then padded in a similar way except that the felt strips were installed one foot out from the wall. This gave a more pronounced effect though no quantitative measurements have been taken to test its efficiency. The method appears to be a very promising one for curing echoes. It was also decided to pad two other walls that caused strong echoes even though this procedure would reduce the time of reverberation somewhat below the accepted value for best effect.

The results obtained have proved gratifying. The remodeled Audi-

torium has been tested under varied conditions of music and speaking, and has been found to have satisfactory acoustics. A speaker with a moderate voice can be heard easily in the furthestmost seats. The music of the new pipe organ is, according to experts, satisfactorily rendered. The room is also suited for orchestra music, though it has been found beneficial to remove the carpet from the stage so as to provide a sounding board for the instruments. A few weak echoes remain that are set up by the walls that were not padded, but these do not appear to affect the general satisfactory conditions.

It is the purpose of the author to make some final tests on the modified acoustics and thus conclude an investigation which has lasted for six years, and which, for him, has been full of interest.

THE ALUMNI GREGORY MEMORIAL

THOMAS JONATHAN BURRILL

[An example of the present interest in the Gregory Memorial project is shown in the following letter from Fayette J. Flexer, ex-'14, now in Beria, Mozambique, East Africa. Mr. Flexer is with the Illovo Sugar estates.

"The bulletin dealing with the proposed Alumni Gregory Memorial has just been received. Please accept my pledge for the sum of \$25, to apply toward the carrying out of the ideas, as touched on in this publication. The movement should appeal to everyone who has at any time attended Illinois, and I can see no reason why the plans should not see an early realization."

Mr. Flexer's letter traveled one-third around the world to bring his message of encouragement.—*The Alumni Quarterly*.]

Things seemed very favorable when the matter was presented to the annual meeting of the Alumni Association last June for starting a vigorous canvass for an Alumni Memorial Building and Art Gallery, to cost \$150,000. The problem had been vaguely before the Association for years—ever since the inconspicuously marked grave had found a place upon the campus. A committee early appointed had long discussed the matter, but never reported any definite proposition. Everyone wanted to have something done but no sufficient agreement was ever reached as to what the something should be, or how a beginning should be made.

At length another committee was appointed and further discussion and correspondence took place, running through two years. Then in 1913 definite agreement was reached to proceed and the committee was instructed to call a widely representative conference to determine just what should be done. This conference unanimously agreed, after discussing several other projects, to recommend a building and art collection. This was in May, 1914. The memorial committee accepted the proposal and began work. A canvass for \$150,000 was decided upon. The trustees of the University were appealed to for a site, and upon the showing

made designated the best spot upon the campus, just south of Lincoln Hall. The President favored the movement and gave his aid towards it: everything started one way.

Mr. Homer Stillwell, ex-'82, had previously offered to contribute \$1000 towards a suitable memorial to Regent Gregory. On being informed of the action just described he increased the amount to \$25,000! Others expressed readiness to contribute amounts aggregating \$5000—\$30,000 for a start!

This was the state of things reported to the Association and enthusiastically received at the June meeting of 1914. But believing a campaign for subscriptions could not be well launched during the summer vacation months, it was postponed until September, and then by September—the bottom had fallen out! Financial matters the whole country over were suddenly changed. The world, affrighted, held its breath. The stock exchange closed. Banks everywhere double-locked their funds. No one knew what further to anticipate. It was no time to call for subscriptions or even to try to persuade investments.

The memorial committee could do no other than postpone again, without the least thought, however, of anything beyond unwelcome delay.

Today, January, 1915, the skies are clearing, at least somewhat in America. The appalling war-tragedy still goes on in the Old World and still has staggering effects with us, but there is hope ahead on our side. When it seems wise to begin, the chance to contribute will be widely open. Any subscriptions sent in at any time will be gladly received, and possibly may save cajoling efforts later.

In the meantime it should be borne in mind that the Alumni Association is fully committed to the undertaking—not to something merely but to this one, particular, officially adopted, and widely supported endeavor. It is to be a pull altogether, and a hard pull, tho worth it.

A word further about the project itself. The name for the building has not been determined. Its use is to be for an art collection and for alumni headquarters. The latter ought to include a good suite of well equipped office rooms and a specially appointed assembly hall and treasure house—a place which at a glance evidences its purpose.

The Association has been wonderfully fortunate in the secretarial service it has had of late, carrying with it the *Quarterly* and the *Fortnightly Notes*, as well as much else contributing to the life and influence of the organization. But the time has come for a full-time paid secretary and needed helpers, and for an enrollment of 20,000 members. This accomplished, there would be something to individual and collective pride and something creative towards mighty power for good. The present movement looks directly towards this end. The material acquirement will be rich in itself, but may well be far surpassed in another and higher order of benefit to the Association and through it in an ever widening influence in the world of human progress.

A HOMELESS ART COLLECTION

EDWARD JOHN LAKE, '95

In the spring of 1874 Regent Gregory began a movement to obtain for the University an art collection to be established on the campus and serve as a direct aid to instruction and a means of general culture. In response to his appeal for subscriptions \$2000 was subscribed by local friends of the University; and during the summer of 1874 Dr. Gregory went to Europe at his own expense and purchased casts of great masterpieces of sculpture, busts of historical celebrities, engravings, photographs and lithographs.

This collection was installed on the third floor in the south-west wing of University Hall. An appropriation was made by the trustees of the University for its proper display. The collection originally included, according to a University report of 1880, sixteen full-sized plaster copies of the masterpieces of Greek and Roman sculpture, forty-two reduced statues, ninety-two full-sized busts representing famous persons of history, twenty-eight reduced busts, 517 small plaster medallions, fifty-four engravings from paintings, 232 photographs of historical places and 400 lithographs of eminent historical persons.

This gallery, fully established in 1876, was an inspiration to students and faculty as well as a delight to many visitors. A university report of 1880 describes the collection as it existed at that time:

There is no more attractive place for great numbers of visitors at the University than the large and finely arranged art gallery in the west wing of the main building [University Hall] on the third floor. The cost has been about \$3000, but this sum has been so expended that a display is made equal to that obtained by many times the outlay in many kindred collections. There are no paintings, nor could the results of the sum expended prove nearly so interesting and instructive by thus dividing it. The gallery owes its existence, in the first instance, to Dr. John M. Gregory, who organized the scheme and, aided by the liberality of the citizens of Champaign and Urbana, selected and purchased the art objects.

During the summer of 1897, on the completion of the Library building, the art collection and the library were removed from University Hall to the new building. The art collection was placed in the west basement room of the Library building, where arrangements had been made for the display. The collection occupied these quarters until 1908 when the growing needs of the Library and the Library School made it necessary for them to have the entire use of the building.

On June 20, 1908, the President of the University recommended that a committee, of which the Supervising Architect should be chairman, be authorized to determine the distribution and location of the art collection in other university buildings. This committee after a survey of the

rooms available failed to find suitable quarters for the collection intact, and recommended that it be divided between the departments most closely interested in the objects of the collection; and that it be distributed to the best advantage in the several buildings until a suitable gallery should be acquired.

The collection is now divided between the art department in University Hall, the architectural department in Engineering Hall, the departmental seminars of Lincoln Hall, and the classical museum in the same building. A few objects of the collection have been placed to advantage for the decoration of Natural History Hall and the Auditorium. Three hundred and sixty lithographed heads of the original collection have been bound and placed in the general Library as the best method of preserving them for use.

The collection has been renovated and repaired from time to time as needed and is invoiced as Art Collection No. 1 of the University Art Collections. The classifications are as follows:

CLASSIFICATION	NUMBER OF EACH	DAMAGED, MISSING	AUDITORIUM	LIBRARY BUILDING	UNIVERSITY HALL	LINCOLN HALL	N. HISTORY BUILDING	ENGINEERING HALL
Statues								
(full size)	16	3	9		3	1		
Statues								
(reduced)	42	17			20	1		4
Busts								
(full size)	92	14			13	64		1
Busts								
(reduced)	28	6			20	2		
Bas reliefs,								
vases, etc.	28	6			13			9
Relief Heads,								
Lucca della robia	12	6			6			
Medals in plaster....	517	392			125			
Engravings	41	13			18		10	
Reproductions of								
horses (Herring)	12	7			5			
Photographs,								
paintings, views..	221	68		2	69	82		
Lithographed heads	388	28		360				
Totals	1397	560	9	362	292	150	10	14

THE GENESIS OF OUR CAMPUS

J. O. CUNNINGHAM

[Readers of the *Quarterly* will recall the picture of loveliness drawn by the committee which, in endeavoring to justify its choice of Urbana as a location for the Illinois Industrial University, portrayed the beautiful landscapes all about. There have been, ever since the University was located, persons of a critical or inquiring mind who have endeavored to discover the reasons back of the decision of this committee. Judge J. O. Cunningham of Urbana, a member of the first Board of Trustees, has no doubt that the committee acted wisely and scrupulously, but it is hardly likely that he would attribute to the entrancing natural beauties of the place in 1867 the determination on the part of the committee to make this the educational center of the commonwealth. The following account of the appearance of the towns, and of the early formation of the campus is taken from a manuscript kindly furnished by Judge Cunningham.]

At this time [1867] the two towns presented a far different appearance in every respect from what later years have developed. No street pavements were then nor for more than twenty years thereafter laid. Sidewalks had made their appearance upon but few streets. These walks were of pine or oak lumber, and of course were extremely transitory. Almost all of the buildings were of the cheaper grade of scantling frames and with but three or four exceptions in each town, the business houses were of wood. Stock of all kinds ran at large. All residences were securely fenced to keep out the predatory town cows and hogs. Wood-piles in many cases occupied the streets and alleys and unused wagons were as conspicuous. Churches in the two towns numbered no more than a half dozen and but one was of brick. All the territory between Lincoln avenue on the east and the University grounds on the west in Urbana was vacant and unoccupied, if three or four exceptions are allowed. All the territory in both towns south of the Springfield road, now so populous and inviting, excepting less than a half dozen small houses along the south side of that highway, was farm land. Few houses in either town were warmed otherwise than by stoves, and a single schoolhouse in each town met the local demands for education. The farm lands of Champaign county, now so fruitful and attractive as homes, then were no more than half occupied, and the unbroken prairie sod made up the greater part of every landscape. No artificial drainage had then added to the value of the lands. The prices which have since then advanced to \$150 and \$175 an acre, were then rated at from \$5 to \$50 an acre. County highways, then but lately confined to regularly laid out roads, were generally unworked and much worse for travel than had been the pioneer trails which had so well served the early settlers.

The building [and grounds] in which our people hoped to house the

new University, a five-story structure, with a four-story ell on the south, stood alone out on the bare prairie, unfenced, towering high above anything in either town, and very conspicuous for miles away. It occupied ground equal to two squares of the ordinary size. The line of White street in Champaign and west Main street in Urbana, extended, was its south line, while on the west side Wright street, as then laid, occupied fifty-two feet of what is now the west side of the north campus, or the athletic park. Then entrance to the front, the north side of the building, was at the natural grade line of the grounds, with no outside steps, and the building had an appearance suggesting that, as a stake, it had been driven into the ground. From the entrance at the north front stairs began which led from story to story until the upper or fifth had been reached. In the front portion of the building, which was 125 feet in length from east to west, were rooms to be used for recitation rooms and dormitories, while in the wing were more recitation rooms with kitchen and dining room, and a chapel in the fourth story, the original design having been to prepare for the conduct of a boarding school. No bush or shrub had ever grown upon that bare piece of prairie, and the surplus building material having been removed at the completion of the structure, nothing was to be seen upon the grounds intended for the future campus but brick-bats and other débris left by the builders as worthless. Not a path nor a drive had been prepared except those made by marauding teamsters between the towns, who, to escape the mud of the legal streets drove in any and all directions around the building and across the grounds. What is now the south part of the athletic grounds then formed two blocks of town lots lying between the line of White street and the Springfield road, now Springfield avenue and, in the deal of the County with Messrs. Stoughton, Babcock and Harvey, belonging to Champaign county, with the alleys as platted and Stoughton street intervening. What was known as the "Griggs farm," part of the donation of 400 acres to the State, lay away to the southeast, two and a half miles from the building and grounds; the "Busey farm" of 420 acres was a little over a mile to the south; while the 160 acre farm commonly called the "experimental farm," was a little over half a mile south, with a forty acre tract, half a mile long, between. Some of the trustees questioned whether the latter farm was in fact "adjacent" to the buildings and grounds.

The line which, according to the survey of the United States, divides Section 7 through its center north and south, is by law the line which divides the adjacent cities from each other, and as originally platted along the west line of the campus was also the west line of Wright street. With an idea of enlarging the grounds and of making the adjacent street on the west eighty feet wide, the Board of Trustees soon after its organization purchased from private owners all the lots on the west side of the street, between Springfield street and University avenue, since called Wright street, and with the consent of both corporate cities moved the

street to the west sixty-six feet, utilizing the lots so purchased and the west fourteen feet of the street as before laid as a public street. The City of Urbana by its ordinance vacated the last fifty-two feet of the original street and added to it the grounds of the University. So, for the purpose of meeting the criticism made by trustees upon the representations of the county to the State, to the effect that there were "about ten acres" of land in the grounds around the building, Champaign county, through its board of supervisors conveyed to the University the two blocks of land lying between the grounds and Springfield street. The General Assembly at its next session (1869) with the concurrence of the City of Urbana, vacated White and Stoughton streets and the intervening alleys as platted, so that the athletic grounds as now seen were enlarged to their present dimensions, and criticisms were set at rest.

An attempt was also made by the same committee, with the concurrence of the full board, to purchase from private owners the west half of all the blocks lying along the east side of the campus down to Springfield street, twenty-four in all, and options were asked and given by the owners of the lots. The aggregate sum asked for these lots was \$9150, which amount by its size and from the scarcity of money at the command of the University at that time deterred the Board from making the purchase. Had the deal been consummated, Romine street would have been vacated from its present location and re-located one-half block further east. The report of the committee stating prices asked by owners was laid upon the table, and the matter of the enlargement of the grounds upon the east was dropped. Dr. Scroggs, a local member, advocated the purchase very urgently.

The forty-acre tract upon which the main hall was afterwards erected was purchased during the first year. The University then owned all the land from University avenue to the cemetery. Some years afterwards the trustees purchased from Mrs. Bronson a further tract extending from Illinois street to the 160 acre field on the south, also a number of lots extending from Illinois street north to Green street. The south campus was thus extended east to Mathews avenue. The last two purchases furnish the locations of the Natural History, Chemistry, and Agricultural buildings.

From the first meeting of the Board of Trustees, the institution was in financial difficulties. When the first meeting was assembled at Springfield, as above detailed, not a dollar could be commanded by the Board. It was the owner of 480,000 acres of land scrip of uncertain worth for which there was no market value, but could not raise enough money to buy a record book. So it may well be said that the institution was literally born to a youth of penury. Soon after the May meeting, 1867, by order of the Board some scrip was sold for cash. But the federal act provided that the fund to arise from sales of this grant should never be used except as an endowment, the proceeds only being available for

expenses of the institution. It was the only money in sight, and money was needed with which to make needed improvements and to pay other expenses. So a fiction was invented and put in practice by which this money, or so much of it as was needed, was transferred to the fund for improvements and other expenses. It was ordered that the money arising from the sale of scrip, or a sufficient sum thereof, be invested in the bonds of Champaign county held by the Board as a part of the bonus paid, and those bonds be transferred to the permanent endowment as the representative of the money so used. This done, the Board was in possession of all necessary funds for the preparation of the opening of the school.

At the May meeting, 1867, soon after the matter of the location of the institution was disposed of, the committee on buildings and grounds made its first report, which of course took up the forbidding condition of the future home of the University, and attempted to provide such alterations and additions as would prepare it for occupancy. The report recommended a front entrance upon the second floor with such changes as would make that floor the principal one, remanding the lower or basement floor to other purposes. This made necessary the construction of an outside flight of stone steps leading from the ground to the second story, and the entire reconstruction of the central parts of the second story. Small rooms were combined into halls, two rooms were thrown together to make an office for the Regent, with an audience room near by, afterwards used as a meeting place for the executive committee and also for the whole Board. A sewer from the front of the grounds on the north connecting with the creek to the south to provide for necessary drainage was also recommended. At the beginning these grounds were about as flat as prairies could be made, so it was recommended that the earth be graded from the north street line to the building so that water falling would flow away. It was recommended that the grounds be fenced, as stock of all kinds ran at large. Outbuildings were also recommended. All these improvements were approved and made.

SAGAMORES OF THE ILLINI

V—CHARLES WHITTIER YOUNG, '97

[The writer gratefully acknowledges helpful suggestions and biographical material from the American board of missions, Chicago; Mr. A. C. Doyle, Baltimore, Md.; Dr. T. J. Burrill, Emma Rhoads Nickoley, '99, and Sarah Dewey (Yensen), '97, of Urbana; and J. A. Dewey, '97, of Armstrong.]



Missionary Herald
DR. YOUNG IN HIS PLAGUE UNIFORM

Help!

This four-lettered monosyllable seems to need itself if anything does. Still it goes first in the thoughts of hundreds of men and women who press onward to strange lands where people unaided can not or at least do not climb into our kind of civilization.

Ordinarily a call for help is well analyzed before the called takes any action. When some one shouts he is being robbed, the run to his aid is most spontaneous after the assailant has fled around the corner. Help is not help if it alters when it altercation finds. Ordinarily, help is easy to give; most of us tell people now and then to keep the change. But as for taking a doctor's satchel and walking briskly into a city where the plague is killing over 100 people a day—well, that is not sound business. A more likely response would be, "Your call for help in the plague received and contents noted. I have taken the matter in

consideration and have decided that I am not exactly fitted at this time to accept your kind offer. With best regards, yours very truly. . ."

Charles Whittier Young wrote nothing such when the miserable cry of help went out from Chang Chun, China, early in 1911. Instead he shouldered his tools, including a portable vaccine manufacturing plant, said goodbye to his family, and went after the plague with about as much fear as a family doctor starting out to a case of mumps.

Dr. Young's University career must be hurried through without much ceremony, for like many of our great alumni he held himself back while on the campus, and really did not flap his wings until some years

after 1897, in the June of which annum he bowed low over the diploma that President Draper handed out and departed for Sullivan, where he was principal of the high school for a year. For a man whose life work was to be the helping of humanity, the principalship of the Sullivan high school was a fair beginning. But the helping was a little tame for "Biddy", as he was called in the University, and he began to think of a medical career. Not a plain village doctor with a base-burner in the waiting room and a sign on the table, *The Doctor is Out; Back in One Hour; Wait for the Doctor—He Is Your Best Friend*. Charles had in mind a missionary doctor—one who combines in one person the physician for the body and the physician for the soul; one who at one sitting could lance a boil and make repairs on Christianity.

Mr. Young was still ruminating on this when he returned to the University in 1898 and put in a year as assistant in Botany, taking the place of Dr. Hottes, '94, who was on leave of absence. As Dr. Burrill's assistant, Charles spent a profitable year, doing considerable work in the bacteriological laboratory. This laboratory was the first to be established in the United States—the first not connected with a medical school.

The next year, 1898-99, Young's M.D. aspirations took on more pretensions, and he entered Johns Hopkins as a graduate student in medicine. In 1903 he emerged as a doctor, having acquired everything except the whiskers. Then he spent a year as resident house officer in surgery at Johns Hopkins hospital. While there he met Miss Olivia Doyle, one of the nurses. On Sept. 15, 1904, they were married. In the same year he was made a medical missionary, American board of missions, to be stationed at Peking, China. Thither he and his wife went, and there they have since been. To help the ignorant know themselves physically and morally has been and is Dr. Young's mission, and he has succeeded. But more than success is now demanded by the public, and Dr. Young's battle with the plague in Manchuria is one of those heroic things that raised him to the rank of historical fame.

He had been in China almost seven years as a capable medical missionary and as a teacher in the Union medical college at Peking before his real opportunity for help came. Early in 1911 reports from Manchuria and North China were that 10,000 people there had already died of the plague, which had steadily grown more ominous in its ravages since the previous October. Many of the native Chinese doctors disregarded quarantine, their remedies were of little use and, to make matters worse, some of them sent false reports to Peking. Responding to an appeal from Chang Chun, Dr. Young left Peking on Jan. 27, 1911. He had just finished the fall term's work in Union medical college. "The call seemed an urgent one," he says simply in a letter, "especially as a man was wanted who could make antiplague vaccine from bacteria obtained locally." The stricken city of Chang Chun, the busiest city in the Kiren province, was noted for its bean trade. It will also be remembered as



CHARLES WHITTIER YOUNG, '97

the northernmost point reached by the Japanese army in the Russo-Japanese war. For three months Dr. Young was in the plague-stricken city helping the Chinese doctors, making vaccine, and in general directing the battle with the grewsome disease. "The disease is plague," he wrote on Feb. 20 in a letter to friends in the United States,—“the disease that swept away over 3,500,000 of the inhabitants of British India between 1896 and 1905. That was mostly bubonic plague, and was transmitted by fleas from rats that had the disease. The present epidemic is pneumonic—affects the lungs and is directly contagious. It kills in a few hours or at most in two or three days. Sometimes a man apparently well simply falls to the ground and in a few minutes is dead. I will not harrow you with an account of the way it has ravaged Harbin, where it first assumed epidemic form.”

Dr. Young goes on to tell about the work of three other Union college teachers at Harbin, saying that the death-rate fell from 170 to 40 a day. He then returns to a description of the situation at Chang Chun:

Here in Chang Chun with a population of about 100,000 the deaths were over 100 a day three weeks ago. . . . My work has been of two sorts—to advise with the authorities as to the best measures to take to stamp out the plague; and second, to make vaccine. To the latter end a bacteriological laboratory has been set up in what was Dr. Gordon's operating room, using apparatus that I brought from Peking, together with a little of Dr. Gordon's. We have ordered more from Japan, and hope soon to be turning out several thousand doses a week. In the meantime, I am glad to say that the disease seems to be abating.

“The sights in the afflicted cities were too horrible to relate,” says the *Missionary Herald*, which continues:

The disease is often fatal in a few hours, at longest in a few days. The majority of its victims suffer little discomfort until the last three or four hours. They are about, laughing, talking, eating, till the last stage appears, when death comes suddenly; then they fall in the street or in their houses. In the terror of the time, and with the ground solidly frozen, the dead were often left unburied, and even unremoved. Nothing like it has been known since the days of the Black Death in Europe. . . . Overcrowding of inns with hunters and coolies returning south after their season's work furnished hotbeds of infection. The Russian authorities promptly sought to stop the epidemic by rigorous quarantine and other preventative measures; the Chinese authorities on the other hand were woefully inefficient and even obstructive. . . . [However] in Chihli a different temper prevailed. There the officials cordially cooperated with the foreign physicians. . . . It was through the Union medical college that the government ordered a large part of its preventative medicines. By such united and intelligent action the course of the plague has so far been stayed. It has been found that by careful inspection . . . and by scientific vaccination the spread of the pest can be prevented. . . .

. . . Dr. Young says that during the time of danger and strain [in Chang Chun] the conduct of the Chinese was certainly praiseworthy, and that Chang Chun officials wherever necessary went into danger in discharge of duty. . . . Dr.

Young and his assistants have prepared 13,000 doses of anti-plague vaccine, 10,000 of which are to be stored in Chang Chun in case of need.

For all that Dr. Young accomplished in the plague combat he was awarded the Decoration of the Double Dragon, third division, first class, by the Chinese government. In addition to this he was highly praised by various officials. Sir John Jordan, Minister for Great Britain, wrote the following letter:

Peking

March 25, 1911

Dear Dr. Young:

I have already expressed to you my personal thanks for your ready response to the call for assistance at Chang Chun, and would now like to record my appreciation of all the hard work you accomplished there. It has given me great satisfaction to hear such favorable accounts of the way you cooperated with the Chinese authorities and of the help you gave them not only by your medical advice but also by the preparation of vaccine for inoculation.

We feel much indebted to you for your prompt and courageous response when the epidemic was proving so virulent. I send you my cordial thanks and shall take pleasure in notifying the American Minister of my appreciation of the services you have rendered.

I am

Yours sincerely

(Signed) J. M. JORDAN

Dr. C. W. Young

American Board of Missions

Sir John Jordan wrote as follows to Hon. W. J. Calhoun, the American Minister to China:

Peking

March 25, 1911

My dear Colleague:

I have the honor to inform you that in response to an urgent appeal for medical help from Chang Chun last January, which was made to me by a number of British missionaries, Dr. C. W. Young of the American Board of Missions was found willing to go there. The epidemic conditions in Chang Chun were at the time reported as appalling, and the Chinese authorities were finding the situation beyond their control. I consider Dr. Young's action was, like that of his colleagues, courageous and praiseworthy, and the circumstances of his placing his services in my hands make me now wish to record my appreciation of the good work he accomplished at much personal sacrifice during his mission to Chang Chun.

I avail myself of this opportunity to renew to Your Excellency the assurance of my highest consideration.

(Signed) J. M. JORDAN

His Excellency

The Honorable

W. J. Calhoun

Mr. Calhoun at once wrote to Dr. Young, enclosing Sir John's letter and adding a personal note of appreciation:

American Legation
Peking

Dr C. W. Young
American Board of Missions
Peking, China

March 25, 1911

Dear Dr. Young:

I take much pleasure in transmitting herewith copy of a letter of March 25, 1911, addressed to me by Sir John Jordan, Minister for Great Britain, regarding your action in responding so willingly and courageously to an appeal from Chang Chun last January for medical assistance in combating the plague, when conditions were so dangerous to life.

I am happy to assure you that the very kind appreciation by Sir John is fully shared by me.

I am, dear Dr. Young,

Very sincerely yours

(Signed) W. J. CALHOUN

Enclosure

Sir John Jordan to Mr. Calhoun March 25, 1911

Dr. Young in his letters to friends in the United States seldom had much to say about his work in Manchuria. For instance, writing to Dr. Burrill on May 25, 1911, only a short time after his memorable experiences, he talks about a subscription book, the University and how he would like to see it again, and wishes to be remembered to Dr. Hottes and others. As an after-thought he remarks:

You will be interested to know that the training you gave me in bacteriology (together with that I obtained at Johns Hopkins) enabled me to be of some help in preparing Hoffkine vaccine last winter in Manchuria during the plague epidemic. The experience, while terrible at the time, has an interest as one looks back to it. . . .

At the present time Dr. Young is Dean of the Union medical college at Peking, founded two years after he went to China. He is as modest about the college as he is about his Chang Chun labors. "I shall not take the time to tell you of my own ordinary work of the past year," he says in a letter. "The college has completed its first course, and sixteen men will be graduated in a week or two."

Dr. and Mrs. Young have two children: a daughter, Anita Elizabeth, eight years old; and a son, James Courtney, aged six. Dr. Young's brother, John Hayes Young, '99, lives in Kansas City, Mo.



Photograph by Strauss

ROBERT RUSSELL WARD, '03



Photograph by Moffett

ROBERT FRANKLIN CARR, '93

TWO ALUMNI ELECTED TRUSTEES OF THE UNIVERSITY

UNIVERSITY FOR THE QUARTER

President James has offered to the trustees the sum of \$5000 as the nucleus of a loan fund for students, preferably women, who are pursuing their studies in the University. The fund is to be known as the Margaret Lange James loan fund, in honor of the wife of President James, who died on Nov. 13, 1914. It had been a favorite idea of Mrs. James to try to raise a considerable sum for providing loans to assist young women who are dependent on their own resources for an education. She died before this ideal was realized. Mrs. James had been much impressed by the straits to which many ambitious young women are reduced who are trying to work their way through the University, and she believed that a loan to such young people was a better means of assisting them than an outright gift, such as a scholarship would be.

The money is not to be loaned to students merely because they are in need, nor simply because of the excellence of their studies, but only to those who by their character, intellectual capacity, and physical vigor give distinct promise of valuable service to society. Character and physical vigor are to be equally considered with intellectual capacity as shown by scholarship.

It is expected that alumni and other public spirited citizens of the State who are interested in the welfare of young women will aid the fund.

Resolution Of Sympathy At the November meeting of the Chicago Illini club the following resolution was adopted:

Whereas, We learn with deep regret of the death of Mrs. Anna Margaretha James, wife of President Edmund J. James, and

Whereas, by her death the President loses an affectionate wife and a helpful companion, and her children a loving mother; the University a true friend and an honored woman; therefore be it

Resolved, that the board of directors of the Illini club of Chicago, in meeting assembled, extend our heartfelt sympathy and condolence to President James and the members of his family; and be it further

Resolved, That this resolution be spread on the records of the Illini Club of Chicago, and that a copy thereof be sent to President James.

Changes in the faculty and administrative officers have not been numerous since October when the last *Quarterly* was issued, but include several of importance.

APPOINTMENTS

The mid-year appointment of greatest importance is that of Kuno Meyer, visiting professor of Celtic languages and literature for the second semester. Dr. Meyer, who has been professor of Celtic in the University of Berlin and Director of the School of Irish Learning at Dublin, of which he is the founder, has an international reputation as an authority on Celtic languages and literature. He has written many books and articles on the subject.

Other appointments include:

William J. Putnam, '10, instructor in theoretical and applied mechanics. Mr. Putnam since graduation had been with the Illinois Traction System as electrical construction engineer.

Carl Rahn, instructor in psychology.

Homer B. Reed, instructor in psychology.

J. Harvey Hogue, instructor in foundry practice. Mr. Hogue attended the Winona academy, Winona Lake, Ind., 1904-'06, and the National Trade school at Indianapolis for two years following. Later he was general foreman of the

S. Freeman and Sons foundry, Racine, Wis.

Mabel Jones, '91, temporary cataloger in the Library.

RESIGNATIONS

George E. Frazer, Controller of the University and professor of public accounting, has resigned his position. Shortly after his engagement to Miss Helen James, '10, was announced on Dec. 30 his resignation became known. Those who are familiar with the University rule prohibiting the securing of positions on the staff by relatives were not surprised at Professor Frazer's action. As a son-in-law of the President, criticism might in time be made, and he eliminates all such possibility by withdrawing from a position in which he has capably served.

Professor Frazer came in the fall of 1913, succeeding Dr. S. W. Shattuck.

Oren Elmer Staples, Bursar of the University for the last two years, and a clerk in the business office for thirteen years previously, has resigned on account of ill health. On a trip to Europe last summer—the first vacation he had taken for many years—he underwent some hardships due to the war conditions, and failed to recover when he returned to work in the fall.

Mr. Staples came to the University fifteen years ago as assistant in the business office, and was later made chief clerk. The rapid growth of the department soon made necessary the office of auditor. Mr. Staples was then given the title of bursar, in charge of student fees, local cash receipts and disbursements and student loan funds. In this position he had come to be one of the most popular men on the administrative staff. The Champaign chamber of commerce has asked the trustees not to accept Mr. Staples's resignation but to grant him leave of absence for a year, during which time he might become well enough to resume his work.

LEAVE OF ABSENCE

Herbert W. Mumford, professor of animal husbandry, has asked for a leave of absence beginning Sept. 1, 1915, in order to do some advanced study.

"Open to all people in business" is a sentence of welcome in the bulletin describing the short

The Business Short Course course in business at the University Feb.

1-6. No admission requirements and no fees. "The courses are designed to afford those already in business an opportunity to broaden their knowledge of fundamental business principles and to get information about the best practice in their respective lines. Each period of class work includes a lecture on business principles and a discussion of their application in practice."

Some of the subjects are:

Accountancy	Banking
Credits, Collections	Insurance
Industrial Illinois	Salesmanship
Law	Chambers of Commerce
Railway Administration	
Municipal Problems	

Addresses and lectures will be made by the regular corps of instruction and by President James and Dean Davenport. Several special exhibits such as office appliances, etc., are being arranged.

The prevalence of the highly contagious hoof and mouth disease in live stock of Illinois has led to the abandonment of both the agricultural short course

No Highway Engineering

and the course in highway engineering. The latter had been extensively advertised, and was not called off until early in January. Announcements sent out in December gave due notice of the dropping of the agricultural short course.

Four college assemblies on Jan. 14, Feb. 11, Mar. 11 and Apr. 15 are to be

Four College Assemblies held by the College of Liberal Arts and Sciences. At each assembly an address on

the present outlook upon some great profession will be made. The first is The Christian Ministry in the Twentieth Century by Dr. Ozora S. Davis, president of the Chicago Theological Seminary. The second (Feb. 11) is to be Civic and Social Service in its Professional Aspects, by Dr. Jane Addams, head of the Hull House social settlement. On Mar. 11 The Physician of Yesterday and Today will be the subject discussed by Dr. Charles P. Emerson, Dean of the Indian University school of medicine. Dr. Charles H. Judd, Director of the School of Education in the University of Chicago, will speak on The Modern Educator (Apr. 15).

The Christmas vacation began on Tuesday, Dec. 22, at 5 P. M., and lasted until noon of Monday, Jan. 4. The exodus of students was

Christmas Vacation unusually complete. Many faculty people utilized the time for attending scientific meetings in the East. The University libraries remained open several hours a day. A few students who could not get home caught up with their reading assignments.

A carload of clothing, fifty boxes with 5000 pieces of serviceable winter wear for men, women, and

Assistance to Belgians children, nearly \$1500 in cash: all for the Belgian sufferers in England, collected in fifteen days and sent to the University of Cambridge, England. That is the record of a short, vigorous and successful campaign which

has just been officially reported in detail by the committee in charge.

On Nov. 1, President James received an appeal in behalf of the Belgian refugees in England. The appeal came from Dr. A. E. Shipley, Master of Christ's College at Cambridge, who also wrote to another member of the University faculty with whom he was personally acquainted. Dr. Shipley's letter included the assertions that

it is difficult for one so far away to appreciate what is going on here, but we have practically half a nation on our hands and 90 per cent of them are absolutely destitute: they have no money and no belongings of any kind. They are still fleeing by every floatable thing they can lay their hands on, although the steamers have ceased to run. We have to clothe and feed the refugees. A hundred came in yesterday.

If you could issue a rousing appeal and send some clothing as quickly as possible—any sort of clothing; overcoats, caps, boots, handkerchiefs, sleeping garments, and so on—it would be most acceptable. Practically everything except ball dresses are needed. I am afraid I should have to ask you to pay the freight, as money is extremely scarce here and every penny we can get must go to feed these starving people.

President James at once organized a committee to act on the appeal. He emphasized the need of prompt action and the privilege the University had of helping in the crisis that threatened the nation of homeless and helpless wanderers from the war zone in Belgium. The committee consisted of twenty-four persons representing all departments, student organizations, and related interests. This committee met on Nov. 5 in the trustees' room, adopted a plan for pushing the work and elected H. B. Ward as Chairman, H. J. Barton, treasurer, and Lloyd C. Douglas, secretary. At the appeal of the committee, the Y. W. C. A. organized and conducted on Nov. 13 a tag day that yielded the sum of over \$600. The contributions from various organizations were also generous. The Psi Upsilon fraternity led with a gift of \$150 but other organizations also gave generously. Even those composed of persons dependent upon

their own resources for paying the expenses of their education volunteered good contributions and many individuals in the University community responded equally promptly and gladly. While packages were flowing in, the various articles of clothing were assorted, tied securely, wrapped, and boxed for the long ocean voyage and by the close of the second week there was on hand in the Locomotive Testing Laboratory a splendid array of boxes ready for shipment. The car was secured on Nov. 23, filled, and shipped within 24 hours, for in the meantime the subcommittee on transportation had been active. Professor E. C. Schmidt made a special trip to Chicago to consult agents of various railroad and ocean steamship lines as well as the English and Belgian consular representatives in that city. He also carried on an extensive correspondence guarding so thoroughly all possibilities of the situation that he was able to send out the car the moment it was ready with full instructions for every one who was concerned in its handling.

It was sent Nov. 24 over the Wabash railroad to the Hon. Pierre Mali, Belgian Consul at New York. The car contained forty-eight boxes all numbered and marked "From the University of Illinois to the University of Cambridge, England. War Relief Donation". The shipment left New York on Dec. 19. Of the boxes nine contained absolutely new clothing and thirty-nine good serviceable second-hand garments. A careful inventory of the articles showed that there were fifteen boxes of men's clothing, seventeen of women's clothing, six of children's clothing, one of mixed articles, and nine of new clothing. The total number of articles was 4644, divided as follows: Men's clothing 1841; women's, 1894; children's, 909. In this enumeration each suit is counted as a unit. Of these articles, 3883 were donated and 761 were purchased. All

the expenses incidental to the packing and shipment were paid in full so that the shipment was to be laid down at Cambridge, England, without any expense whatever.

The final report of the treasurer listed a total cash subscription of \$1333.08. This came from 117 different sources and represented the gifts of several hundred persons. The total expenses of the committee during the campaign and in packing and loading the goods amounted to \$36.25. In the purchase of clothing the committee expended here in all \$698.45. After the settling up of the final accounts, the committee met and adopted the following minute:

We desire as a committee to place on record our deep appreciation of the spirit of cooperation which has been shown by the University community as a whole. We are especially grateful to the University Y. W. C. A. for their collection of over \$600, to the Psi Upsilon fraternity for its generous gift of \$150, and to the pastors of the University and city churches for their services in enlisting the hearty support of their respective congregations. Acknowledgments are also due to the local Street Railway company and the Wabash railroad company for their contribution of free transportation.

A visit to the Supervising Architect's office of the University reveals but little

	building activity in
Building	preparation other than
Operations	what was described
	at some length in the

October *Quarterly*. Draftsmen are working out the plans for the School of Music, or rather the Tina Weedon Smith Memorial, and the proposed Women's Residence hall is receiving some attention. The campus model for the Panama-Pacific exposition has been outlined, and will soon be built up of wood and pasteboard on a scale of one-

sixteenth of an inch to the foot. Exact copies will be made of all the buildings, even to the coloring.

Cold weather has checked the work on the Chemistry addition and administrative wing of the Commerce building, but has not prevented fairly steady work several days in each week. The walls of the Commerce building addition are up two stories, and a fair idea of how the completed structure will look is easily obtained. Not quite so much progress has been made on the Chemistry addition.

The new Armory is now being used by the military department, the first drill under the big roof coming immediately after the Christmas vacation. A clay floor serves at present, although something better will come later. To lay a floor with any of the usual material would cost more than could at present be allowed.

Although the new Armory is in regular use, workmen have yet considerable to do before the building can be called finished. The old Armory now serves excellently as an annex to the men's Gymnasium, and is used chiefly for basketball. The building has been repainted, and seats for 2500 provided. New lighting fixtures have been installed.

For the retail sale of ice cream in the College of Agriculture part of the masonry structure in the angle between the dairy wing and the west central part of the building is to have an enclosed balcony to be used as a sales-room. The expenses are to be provided out of the dairy fund. The ice cream is made in the dairy department as a part of the experimental work.

An indoor promenade concert was held in the new Armory Saturday afternoon, Jan. 8. This

Summer Fete outdoor concert in
In Winter doors was the first
ever given at the University, the reason being of course that

no building large enough has before been available. Many of the delights of the summer concerts that have become so popular were thus made possible in winter.

The program, which began at 3 P. M., included not only music by the University Band and a general good time by the entire University community—not by an exclusive part of it—but was intermingled with athletic contests (football and track) and a demonstration by Professor Watson of a new kind of megaphone for cheer-leaders. That all of this can go on under one roof is some indication of the immensity of the building.

The rapid development of the military department of the University takes on

new interest from the proposal of Mr. J. D. **Cavalry To**
Be Added? White, University postmaster, that Troop B, 1st Cavalry, Illinois National Guard, of which he is captain, be taken over by the University. About half of the troop is now composed of University students, according to Capt. White. Mr. W. J. Carmichael, '13, of the University faculty is one of the officers.

Capt. White points out that the University would have the services of the cavalry on special occasions, and, that as drill would be at night, the horses could be used for other purposes in the daytime. Major Webster heartily approves of the plan, which has been followed to some extent at other universities.

Birds are becoming so scarce around the University that instruction in ornithology is becoming

No Birds For more and more difficult, according to Professor Frank Smith, who is almost at a loss to know where to take his "bird classes". "The very last places which furnished conditions

attractive to the majority of birds that come during the earlier part of the season have now been cleaned up and made valueless for the work of a bird class," he says in a letter to Professor Ward, head of the department of zoology.

Professor Smith suggests that four or five acres adjacent to the Forestry be planted in shrubbery and trees adapted to supplying food and protection for birds. He adds that there never have been less than fifty students in the bird classes, and as many of them teach in the schools of the State later on, the importance of better facilities for study is great.

Christmas vacation was utilized by many of the University faculty members

Professors at Meetings for attending meetings of scientific associations in Chicago,

New York, Princeton, and other cities. In the *Fortnightly* for Dec. 15, mention was made of three members of the department of English being on the program at the annual meeting of the Modern Language association held at Columbia University Dec. 29, 30, and 31. Professor E. C. Baldwin, Mr. George F. Whicher and Mr. Roger S. Loomis were the people taking part.

President James, and Professors Dodd and Fairlie were on the program at the meeting in Chicago the week after Christmas of the American Political Science association. All of the political science corps of instruction of the University were at the meeting.

Vice President Kinley and Professor Bogart attended the meeting of the American Economic association at Princeton, N. J., Dec. 28-31. Professor Hayes of the department of sociology was also at Princeton to attend a meeting of the American Sociological association.

The department of history was well represented at the meeting of the Ameri-

can Historical association Dec. 29-31 at Chicago, all being present except Dr. Jones. Professor Lybyer read a paper on The Influence of the Rise of the Ottoman Turks Upon the Routes of Oriental Trade.

Professor Bagley, Director of the School of Education, was at the meeting of the Pennsylvania State Teachers' association, Harrisburg, Dec. 29.

Professor D. H. Carnahan, '96, attended the meeting of the central division of the Modern Language association at Minneapolis. Professor Blondheim, Dr. Moore and Mr. Wesenberg went to the New York meeting. Professor T. E. Oliver attended the Cosmopolitan convention at Columbus, Ohio.

At the meeting of the American association for the advancement of science held at Philadelphia were Professors Ward, Kingsley, Zeleny, and Shelford of the department of zoology. Professor Ward was also at New York to attend the meeting of the American Association of University Professors.

Of more than ordinary interest to the University faculty was the organization on Jan. 1 and 2 in New York City of the American Association of University Professors.

This has been formed to represent the common interests of university professors, as the American Bar association represents law and the American Medical association medicine. Professor John Dewey of Columbia University is president. On the committee on organization are Professors H. B. Mumford and J. W. Garner of Illinois, representing agriculture and political science respectively.

Membership is limited to those who have been for ten years in some institution of higher learning. Presidents and other executives who do but little teaching are not eligible to membership.

OBITUARY

JAMES HARVEY PETTIT

Dr. James Harvey Pettit, professor of soil fertility in the College of Agriculture, died on Dec. 30, 1914, at Pasadena, Cal. At the time of his death he was on a leave of absence for a year, during which time he hoped to recover his health. Funeral services were held on Jan. 9 at the home of Professor Hopkins in Champaign. Interment was at Urbana.

Professor Pettit came to the University in 1901 as assistant chemist in the Agricultural Experiment station, and with the exception of his absence on account of illness has been with the University ever since. He was born in La Grange, N. Y., Aug. 9, 1876, and was educated at Cornell and Göttingen, receiving his Ph.D. from the latter institution. He was the author of many articles and books on soil and chemistry, and was an enthusiastic exponent of the principles of permanent agriculture.

On Sept. 3, 1902, he was married to Miss Elizabeth Gunn Winne. One son, James Willard, was born.

PERSONAL

MISS DOROTHY SHOEMAKER, assistant in physical training, has announced her engagement to Mr. J. H. Huston of Crawfordsville, Iowa. He is superintendent of a school at that place.

MR. ROBERT TAYLOR JONES, instructor in architecture, was married on Dec. 30 to Miss Alice Leone TeWalt of Olney. Mrs. Jones's home was formerly in Pasadena, Cal.

BARRY GILBERT, professor of law in the University 1907-'09, and now teaching the same subject in the University of California, has been granted a leave of absence from Jan. 1 to June 30, in order that he may recover his health. He has been ill for some time.

DR. H. J. BRODERSON, instructor in chemistry, was married on Nov. 25 to Miss Nell Maze of Lincoln, Neb.

NOTES ON BOOKS AND ARTICLES

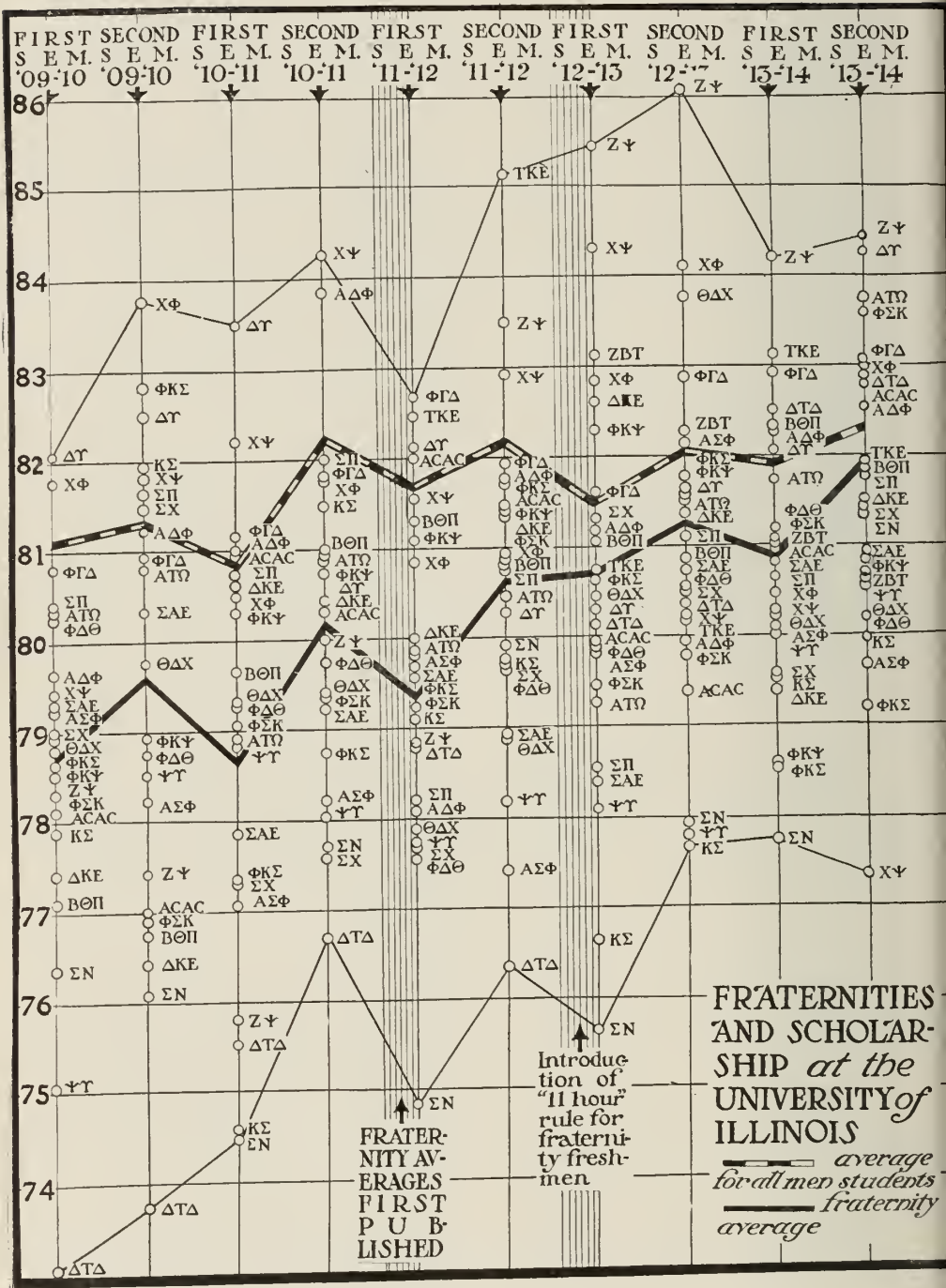
Under this head will be published notices (space permitting) of such books and articles as are sent to the Quarterly for that purpose, and under a sub-title will be listed all such books and articles by alumni, members of the faculty and allied scientific bureaus as may be brought to the notice of the Editor. The cooperation of the alumni and faculty is invited, that this department may be made a complete record of our contributions to current literature.—EDITOR.

Warnock, Arthur Ray, '07: Fraternities and Scholarship at the University of Illinois. *Science*, Vol. XL, No. 1033, Oct. 16, 1914.

Mr. Warnock as assistant Dean of Men has observed attentively the study renaissance that has quickened the fraternities at Illinois since 1912, the year in which was published in the *Quarterly* the first table of fraternity averages. Prior to 1912 such a confession to the

public was unknown. Fraternities were cataloged according to political acumen, or ball-room dexterity, or both, and at that only in private of course. The process of development since the wholesome sunshine of publicity began its work has been of much interest to fraternity men and is a subject of favorable comment by the general public.

The office of the Dean of Men began five years ago to check up on what the national fraternities as represented at the University were doing scholastically.



"For the first two years," says Dean Warnock,

these averages were not published. In 1912 the figures were given to the *Alumni Quarterly* with the idea that their publication might be of interest to fraternity alumni. Immediately the active members of the fraternity became interested in the scholarship ranking, and the next report was published in the *Daily Illini*. Now the semi-annual publication of the averages is awaited with no little impatience by the fraternities; in fact, from the time of the semester examinations to the publication of the report, the office of the dean of men is crowded with inquiries concerning the progress of the report.

Turning now to the graph, it is seen that it is based on scholarship averages for ten semesters beginning with the first semester of 1909-10. It shows specifically a comparison of the general fraternity average with the general university average for men; the effect upon the fraternity average of the publication of scholarship rankings and of the university regulation which provides that freshmen must obtain eleven hours of university credit before they may be initiated into a fraternity; and a study of the ups and downs of the averages of certain chapters. The graph is based upon the averages of 700 fraternity men and 2,600 fraternity and non-fraternity men.

A glance at the graph will show that in the ten semesters the fraternity average has gained upon the general university average for men, although it is still a little below it. Also, in 1909 the chapters were widely scattered up and down the scale, and in 1914 they are closely grouped around the fraternity average. This fact means undoubtedly that during the interval between these years the fraternities have intensified their attention to scholarship; the various chapters are so much alike generally that when they all enter upon the same purpose they are likely to end up closely grouped.

At two points the fraternity average jumps up quite suddenly. One point is the second semester after the introduction of the practise of publishing the averages, and the other is the semester in which was introduced the regulation controlling the initiation of freshmen. The experience of the office of Dean of Men, as well as the graph, records that with the publication of the averages for the first time there came a quite sudden awakening of the fraternities to scholarship matters. The office at that time was forced to provide a special system for satisfying the demands of fraternity officers for periodical reports on the progress of the members.

The reasons why the fraternities reacted so strongly to this stimulus for higher averages are various. The chapters at the bottom have undoubtedly been literally shamed into trying to raise their rating. A member of one of the chapters near the bottom when the first report was published said to me, "For years we have

listened to lectures on scholarship from national officers and alumni, but nothing ever waked us up like that report. Why, everywhere we went we were 'kidded' and laughed at until, at last, in sheer desperation we took to studying." The fraternities near the top have been spurred on, undoubtedly, by the very natural desire to be first. 'But the great majority of the chapters are in little danger of being last and in only a small probability of being first. These middle-rank chapters, however, show fully as much concern over holding their position or improving it as do the chapters at the top and the bottom.

Dean Warnock explains this with the belief that the traditional rivalry of fraternities has come to include scholarship. They "may not have welcomed scholarship as a standard of comparison, but since the condition has been forced on them they are making the most of it." The news has also reached the rushees, for speaking of a freshman from a small town,— "He didn't know a thing about national standing, but he knew exactly the scholastic reputation of every bunch which he was considering."

That many of the poor records are due to the "gold bricks", or flunking freshmen, is Dean Warnock's belief. He says:

The erratic record of Kappa Sigma in 1909 and 1910, as shown by the graph, as well as the record of Sigma Nu in 1910-11, is explained by the coming in and the going out of the freshman flunker. In these cases the average for the first semester is very low; in the second semester, after the freshman flunkers have dropped out, the average unexpectedly climbs.

The rushing season at the university is very short and hurried, and only the most exceptional care serves to guard the fraternities against the irresponsible and purposeless freshman who will turn out to be a loafer unless he finds a strong necessity to be otherwise. There are always many such freshmen who must in one way or another be held to study during that early period which comes before they have learned the need and value of study for study's sake.

The presence or absence of some one forceful leader in a chapter has much to do with the average grades, Dean Warnock adds. This accounts for the sudden rise and fall of Theta Delta Chi in 1913, and of Zeta Psi in 1910-11 and 1911-12. The Phi Gams are pointed out

as consistent high-averaged students, and Delta Tau Delta as an example of an organization suddenly rising to the top after a long quiescence at the bottom. But the main thing is chapter management, the writer concludes. He takes for example four fraternities: Phi Gamma Delta, Alpha Tau Omega, Sigma Chi, and Delta Tau Delta, which are much alike in many particulars, and draw their membership from about the same localities. Notwithstanding the resemblances, there have been great differences in scholarship, and the logical conclusion reached is that the variations result mainly from the difference in management.

Stevens, Vernon T.: For Good Old Illinois. The Co-op, Champaign. 1914.

Although this is a song, not a book, it may as well pass in review as anything else. It was advertised as the official Homecoming song, but close examination reveals nothing about coming home. For the occasion, Home, Sweet Home with variations would have been better. The first stanza of Good Old Illinois is like this:

Hail Alma Mater, cheer our varsity
To all her standards pledge fidelity,
There is no other better in the land,
Fight for her victories back her every man.

This is quoted merely to indicate the literary quality of the verse. Any student or alumnus who can be thrilled by this would have to be carried out on a stretcher if something really vigorous were sung. However, trite as the words of the song are,—and all who have set words to music know how difficult it is to say anything worth while in a song—the accompanying music is vigorous.

Professors C. H. Johnston and L. D. Coffman, both of the School of Education, are editors of a new teachers' magazine, *Educational Administration and Supervision*, the first number of which appears this month.

C. M. Thompson, '09, Ph.D. '13, in collaboration with Professor E. L. Bogaert, has compiled a volume, *An Exercise Book in Economic History of the United States*. The book is mainly for use in the classes in economics which the authors teach in the University.

Armin Elmendorf, '14, now on the faculty of the University of Wisconsin, has an article, Tests on Cast Aluminum, in the Nov. 5 number of the *American Machinist*.

BOOKS AND ARTICLES RECEIVED

Koller, Armin H.: *Methods of Teaching Prose Composition*. Monatshefte für Sprache und Pädagogik, Vol. XV, Nos. 2 and 3, February and March, 1914. National German-American Teachers' Seminary, Milwaukee, Wis.

Lessing, Otto Eduard: William Vaughan Moody. Das Literarische Echo, Berlin, July 1, 1914; Amerikanischer Brief, Aug. 1, Sept. 1, 1914.

Rietz, Henry L.: On the Status of Certain Current Pension Funds. The Record, American Institute of Actuaries, Vol. III, No. 7, June, 1914.

Savage, T. E.: On the Conditions under which the Vegetable Matter of the Illinois Coal Beds Accumulated. Journal of Geology, Vol. XXII, No. 8.

Williams, W. L., ex-'78: The Granular Venereal Disease and Abortion in Cattle. Bulletin of the United States Department of Agriculture, No. 106.

Williams, W. L., ex-'78: Suggestions for the Repression of Abortion, Sterility and Mammitis in Cows and of White Scours in Calves. Circular No. 4, New York State Veterinary College at Cornell University.

STUDENT LIFE

The way of the cribbers was rather hard in the University even before the recent decision of the Council of Administration to have such transgressors make public acknowledgment of their guilt. The confessions are to be made before the classes in which the offenses were committed.

Still More Punishment This punishment in no way sets aside the other woes that beset the dishonest student. Reprimand, denial of credit, probation, suspension, as the case may be, will be continued. The old saying that cribbing is not worth while ought now to become more popular than ever.

The Sophomore Cotillion held on the evening of Jan. 8 was led by Frances Jones of Champaign, and T. S. Browning of Benton. The decorations followed the plan of a Grecian garden. Between dances the lambkins club performed several vaudeville stunts.

Rather than try to keep up with the grand march of new dances which, it is claimed none but the professional butterflies can hope to master or mistress, many students have signed a petition now circulating pledging themselves not to recognize the new steps but to stay with the old. It is pointed out that the decline in dancing interest at the University is due to nothing but the craze for new writhes which the ordinary hard-working student neither understands nor has time to learn.

Dancing clubs and ball committees

alike say that they find difficulty in coming out even, and that students no longer care for the graceful art as they once did.

The Freshman Mixer was held on Jan. 15 in the old Armory. The gathering is something like the smokers given by the older classes, and is intended to promote at least a nodding acquaintance among the thousand or so boys, many of whom expect to talk politics at their senior smoker in 1918.

The Associated University Players is the name of a new dramatic fraternity organized during Christmas vacation at Northwestern University. A. M. Baker, Jr. '14, is president of the organization, which has representatives from several western universities. The old Mask and Bauble society is the Illinois unit. The Association has all of the attributes of a good society, including a quarterly magazine and an annual convention.

Fraternity men are most numerous in the College of Liberal Arts and Sciences, according to a report compiled in the office of the Dean of Men. The exact percentage is 37.5. Engineering and Agriculture stand second and third with 32 and 26 per cent, respectively. The complete table follows:

	L.A.S.	ENGR.	AGR.	LAW
All men	32.5	36	28	3.5
All fraternity men.....	37.5	32	26	4.5
All freshmen	36	36	28	
All fraternity freshmen	48	27	25	

ATHLETICS

FOOTBALL

Although the football season has long since passed, the echoes of it are still heard. Now and then some one remembers another angle of the Chicago game and pours out all the details to eager listeners. "John said that his room-mate said that a freshman he didn't know said that Pete Russell sobbed in Stagg's arms, and that Alonzo climbed painfully into his motorcycle chair saying, 'Too bad—too bad.'"

Interest was not so keen at the close of the season as at the time of the Maroon game, but even so was more intense than for years. On the afternoon of Nov. 31, when the team entered the lists at Madison for the final clash, the Illinois campus was alive with predictions.

Away from Urbana, interest was no less alive. It is a small State town indeed that has no Illinois alumni or, at least, Illinois admirers. And in the larger cities, like Chicago, where the alumni move together in the great organization known as the Chicago Illini club, the good cheer was fine to see.

The club rooms were filled with Illini on the afternoon of the Wisconsin game. As soon as the final score was announced, all prepared to welcome the team on its way south. A big parade was formed, and the yells that went up at the station were fully up to standard. The players and coaches were lifted caressingly into waiting automobiles and whizzed back to the club headquarters for refreshments and exhibition. The big time lasted until midnight, when the hoarse hosts escorted their guests to the train. It was worth while to win the championship, if for no other reason than to be entertained by the Chicago club.

BASKETBALL

The team is expected to make a good showing this year, although nothing but

practice games have so far been played (Jan. 9). The five went through several lively games with teams around the State during Christmas vacation and succeeded in getting niceties of adjustment on the plays. In the scuffle at Peoria (Peoria Tigers) some of the men were roughed up. Williford is nursing an injury that may bother him in later games. Coach Zuppke is weeding out a flourishing patch of freshmen for the freshman-varsity team.

The schedule of a dozen games begins with Indiana (Jan. 11) and continues to Mar. 8, when Minnesota will be met. All games are played in the old Armory.

BASEBALL

The Conference schedule was printed in *Fortnightly Notes* Dec. 15.

SOCCER

In the lull between the football and basketball seasons the class athletes played soccer on the field just west of the north tennis courts. A game was played in the new Armory on Jan. 9.

OBITUARY

A. D. LARGE

The body of A. D. Large, a student in the Graduate School, was found near Mount Hope cemetery just south of the Campus, on Dec. 1. A revolver nearby indicated that he had committed suicide. No letter or other explanation of his death was found, although the idea was advanced that over-study had temporarily deranged him.

Mr. Large was a student in languages, and before coming to Illinois had taught in various parts of the State. He was twenty-seven years of age.

EDWARD S. TRAPP, '18

Edward S. Trapp, a freshman in architectural engineering, died on Dec. 17 at his home in Des Moines, Iowa, following an operation for appendicitis. He had been ill for about a month.

THE ALUMNI

JUST WAIT TILL SPOKANE SPEAKS

In Spokane, Wash., dwell several Illinois alumni who have been discussing the advisement of collective instead of individual action. Whereas in the past alumni might sit side by side in the same car seat and never suspect the wonderful proximity, the plan now is to bring order out of chaos and have all Illini in Spokane—(Is the *a* sounded like the one in cane, or the one in can?)—flush a little more frequently with pleased recognition. Katherine Jervis, '07, Brunot hall, 2209 Pacific, is much interested in the possibilities of an Illini club. Before February is many days old there should be some pleasing Spokane news.

ANNUAL MEETING BY NEW YORKERS

The annual meeting of the Alumni association of New York City and vicinity will be held Saturday evening, Jan. 30, at 6:30 P. M. Through the courtesy of President Davis, '88, the rooms of the Builders club at 34 W. 33d st. have been placed at the disposal of the association for the meeting.

President James has assured the New York crowd that he will accept their urgent invitation to bring a message from the University, unless affairs at Springfield necessitate his presence there. In the event President James is unable to go, he will arrange to have some one else from the University on hand.

The motion picture films made at the Illinois-Chicago and the Illinois-Wisconsin football games have been obtained for the occasion from Robert F. Carr, '93, who purchased them to loan to local alumni crowds. There will be plenty of opportunity to visit before dinner is

served, and after the short program. Music for dancing and for Illinois songs will be provided.

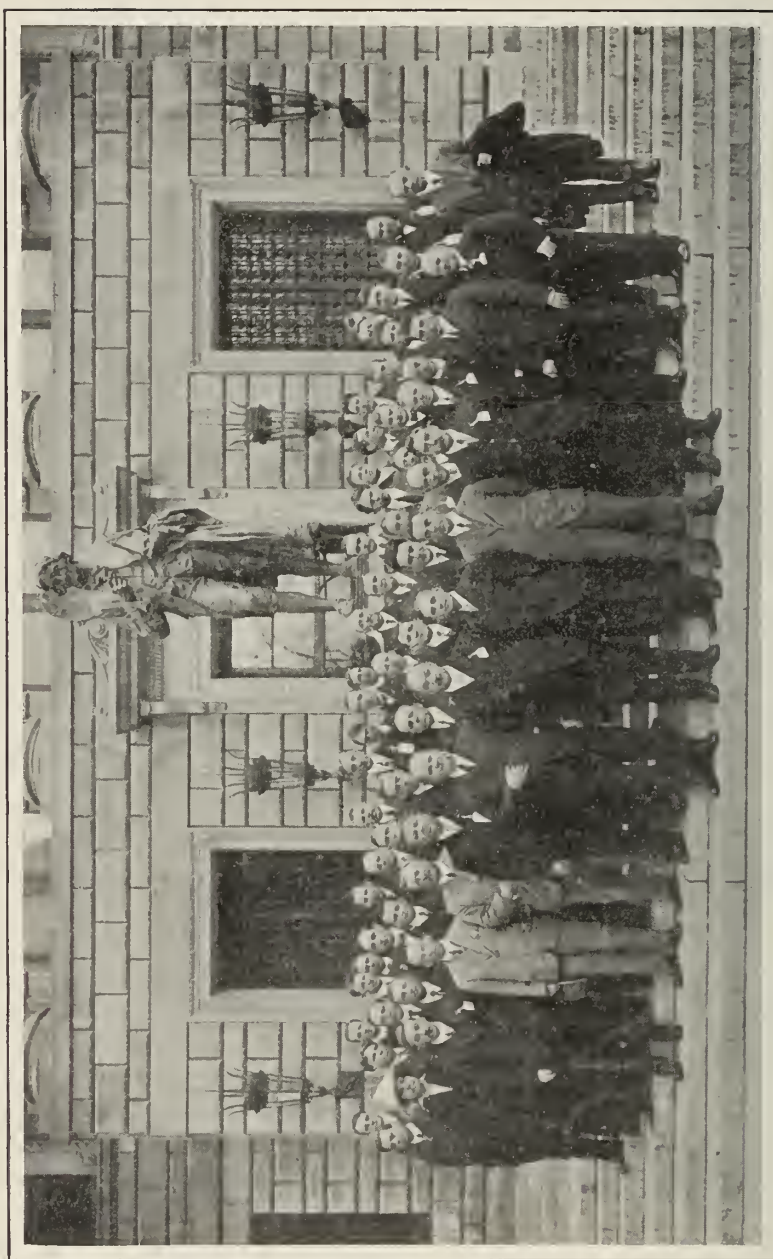
The big success of the last smoker held by the New York crowd apparently assures a record attendance at the annual meeting.

THE SEATTLE ALUMNI ASSOCIATION

"At a meeting of the Seattle alumni association today we decided to give a banquet some time in February," begins "Hop" Harwood, '13, banging the carriage back for a new line, "and we wondered if it were possible to procure the pictures of the Chicago game with the views of the campus."

As Hopkins' request is much like others that come in regarding the Alumni Association's picture business, what he says will do as a text. First, the Association has been in doubt as to this lantern lecture, not because the alumni won't have it, but because the alumni do not tell us what does or does not please them, what they saw in the show that did not please them, and what they failed to see that would have pleased them. A word on these matters, suggestions of any kind, would be very helpful. If the whole affair is dull and futile, break the news to us—we can stand it, and take comfort in rest from the task. The lecture has supposedly delighted hundreds of alumni, but it takes time that is needed for counting money.

Now as to the Chicago game pictures. Robert F. Carr, '93, president of the Chicago Club, now has the films of both the Chicago and Wisconsin games, and has loaned them to several alumni clubs. Doubtless, arrangements can be made for the borrowing of the movies by ad-



MEETING OF ASSOCIATION OF ALUMNI SECRETARIES IN NEW YORK CITY, NOV. 19, 20, 21

dressing Mr. Carr at 314 Federal st., Chicago. The New York Club has engaged them for Jan. 30.

GOLDEN GATE ALUMNI ASSOCIATION

"Although it was a stormy evening", writes Ella U. Barber, '84, secretary of the Golden Gate alumni association in California, "the older classes were well represented. It was just the kind of an evening and crowd for reminiscences. We lived our college days over as we listened to the stories of old times . . ."

The evening referred to was that of Dec. 19, and the place the home of Mary Tracy Earle (Horne), '85, and Mr. Horne. Being the last meeting of the year, officers were elected. Stella Bennett, '03, of Berkeley, was made president; Emil Lemme, '86, of San Francisco, vice president; and Ella U. Barber, '84, was reelected secretary-treasurer. The club has adopted a new letter-head, printed in orange and blue, one of the most attractive used by any of the Illini organizations.

"The Association tried hard to secure quarters in the Illinois Exposition building for a tea room", continues the Secretary, "where we could meet our friends at luncheon, but the Commission could not find available space, much to our disappointment. However, Mr. Guy Crame assures us he will do all he can to make some other arrangement. We hope to report satisfactory results later."

OBITUARY

GEORGE W. SEAMAN, '93

George W. Seaman died on Aug. 1, 1914, of appendicitis, at his home, Mansfield, Ohio. Up to June he was superintendent of the Aultman and Taylor Thresher co., Mansfield, Ohio. His wife and three children, Ethel, Forrest and Leland, survive him.

Mr. Seaman was born Feb. 22, 1869, at Beardstown, Ill., and went to school

there. After graduation he was with the Port Huron Thresher co., the Austin Mfg. co. and the Aultman-Taylor co. He was married in Sept., 1891, to Susie Reichert at Beardstown.

Besides his bachelor's degree in mechanical engineering, Mr. Seaman received his M.E. ('95). Further mention is given in the '93 news section.

JOHN PRESCOTT BUTLER, '08

John Prescott Butler died on Nov. 18 at Bovill, Idaho, from injuries received in an accident.

Mr. Butler was born thirty years ago at Mishawaka, Ore., and received his preparatory education in the Monticello, Ill., high school. While in the University he belonged to Scribblers' club and the English club, and edited the *Illinois Magazine*. Since graduation he had been a salesman, advertising director, farmer, and real estate dealer, part of the time in Oregon. On Feb. 25, 1911, he was married to Marie Hancock at Decatur, Ill.

SAMUEL ROSS WREATH, '09

S. R. Wreath, chem-'09, died on Nov. 11 from injuries received from a chemical vat in the plant of the Victor Chemical works in Chicago. The funeral was held in Rock Island on Nov. 13.

Mr. Wreath was born Nov. 12, 1881, at Hilsdale, and attended the Port Byron academy before coming to Illinois. For the first two years after his graduation in 1909 he was with the bureau of chemistry, U. S. Department of Agriculture, and was also with Armour and co. a year before going to the Victor Chemical works. He was the author of several articles on fasting experiments. Mr. Wreath was married on November 23, 1910, to Helen Faye Woodward at Chicago. She and a son, Allyn Rodger, four years of age, survive him.

NEWS OF THE CLASSES

When you have a new address, position, wife, or child, notify the editor. Announcements sent to friends may reach the *QUARTERLY*, but probably will not. Mail your information direct, unless your class has a secretary; in any case please make sure that the *QUARTERLY* is kept in touch with you.

1872

C. W. Rolfe, 601 east John street, Champaign, Illinois, Secretary

T. E. Rickard, *la*, sends New Years greetings to the Secretary: "Best wishes of the season to you and yours; and say, Rolfe, are there any more signs needing painting around Champaign? Please tell those *Quarterly* kids where I am now, and don't forget it yourself." Mr. Rickard's address is 251 Lindera ave., Long Beach, Cal.

1873

Fred L. Hatch, Spring Grove, Illinois, Secretary

1874

Mrs. Alice Cheever Bryan, 508 south Fourth street, Champaign, Illinois, Secretary

Letters for Mrs. Nancy Davis Scovell should be sent to 3643 Walnut st., Kansas City, Mo. Her former address was La Grange, Ill.

1875

George R. Shawhan, 606 east Daniel street, Champaign, Illinois, Secretary

1876

Frank I. Mann, Gilman, Illinois, Secretary

1877

Mrs. Emma Piatt Llewellyn, 334 Sixth avenue, LaGrange, Illinois, Secretary

Chas. G. Elliott, *ce*, for many years chief of the drainage investigations, United States Department of Agriculture, has been appointed chief engineer of the Peace Creek drainage district in Florida. Mr. Elliott has been in private consulting practice recently, and also since the first of the year consulting engineer for the Peace Creek project, which includes about 45,000 acres.

1878

Mrs. Mary Larned (Parsons), 803 south Central avenue, Chanute, Kansas, Secretary

1879

Judge W. N. Butler, Cairo, Illinois, Secretary

1880

Charles W. Groves, 701 west Church street, Champaign, Illinois, Secretary

1881

Mrs. Virginia Hammet Talbot, 1011 west California avenue, Urbana, Illinois, Secretary

1882

N. S. Spencer, 401 west University avenue, Champaign, Illinois, Secretary

1883

Judge J. F. Going, 221 Fremont street, Chicago, Illinois, Secretary

1884

Miss Keturah E. Sim, 916 west Hill street, Urbana, Secretary

Charles H. Lilly, *chem*, is still in Seattle, Wash. The Charles H. Lilly co., established in 1885, is well known in the West as dealers in flour, feed, and such commodities.

1885

Miss Charlotte Switzer, 608 west Church street, Champaign, Secretary

Mrs. Ann Jane Switzer, mother of the Secretary, died on Jan. 12 at her home in Champaign. Mrs. Switzer was past eighty years of age.

1886

S. F. Bullard, 3001 south 29th street, Tacoma, Washington, Secretary

Dr. J. C. Dodds, *la*, has a son and daughter in the University, Josephine, a sophomore, and Donald, a freshman.

Charles E. Sargent, *ce*, and Mrs. Sargent, of Indianapolis were present at Homecoming. Mrs. Sargent was delighted with the Illinois spirit and enjoyed her visit. They have a daughter in the University.

1887

Mrs. Angie Gayman Weston, 601 east Daniel street, Champaign, Illinois, Secretary

1888

Miss Mary C. McLellan, 706 west Park avenue, Champaign, Illinois, Secretary

Edward W. Pickard attended Homecoming and visited friends in Urbana.

Warren R. Roberts and wife came down from Chicago to be present at the Illinois-Chicago game. They had as their guests Dr. Baxter Miller and Mrs. Miller, also of Chicago, who were greatly delighted with the University's equipment, especially that of the Engineering and Agricultural colleges in which they were particularly interested. Mr. Roberts's son Jerome is a sophomore in the University studying mining and civil engineering. Mr. Roberts, who is always a good and loyal alumnus, was much interested in the election of Robert Carr and Robert Ward to the Board of Trustees, and spent much of his spare time during the last weeks before election assisting in the campaign. The alumni are much pleased at the results of that campaign. We need more good alumni on the Board.

N. P. Goodell and Mrs. Goodell of Loda were at the famous game and witnessed the prowess of the Illinois braves. Mr. Goodell, who is always a perfectly good football fan, helped to win the game by his cheers.

Now it's the Secretary's turn. Poor mortal, she was short of news this time—(aside—as always). But really, don't you know, if you don't get as much news as you would like in the *Quarterly*, blame yourself—not the Secretary. Some people don't even take the trouble to send their addresses when they move.

The Champaign alumni are often knocked (excuse the slang) for not appearing at Commencement and Homecoming. But are we always at fault? Take Homecoming, for instance. Out of four out-of-town 88's only one ap-

peared at the alumni reunion in the Armory after the game. We were there prepared to kill the fatted calf if necessary. All the effort required of the three who were absent was to walk into the Armory on their way to the street-cars.

Edward T. Ligare, '89, ex-'88, came with the Chicago homecomers to attend the festivities, and visited the chrysanthemum show at the University greenhouses the following day.

1889

Miss Amy Coffeen, 4369 Oakenwald ave., Chicago, Illinois, Secretary

Dr. Edward S. Stewart, who was compelled to leave the University in the spring term of his freshman year on account of ill health, is a practicing physician in Chicago. He has offices at 128 E. 33rd st. and resides at 4821 Vincennes ave. After leaving the University Dr. Stewart was in business in Plainfield for some time and afterwards entered the Northwestern University college of medicine from which he graduated in 1892. He married Jessie Smiley of Plainfield. They have two children, one son who will graduate from the University of Chicago in June, and a second son, a student in the high school.

Christmas Greetings were received from Mr. and Mrs. F. M. Bennett who now reside at 1411 Elm st., Youngstown, Ohio. Mr. Bennett is the minister of the First Unitarian church in that city.

1890

Thomas Arkle Clark, Urbana, Illinois, Secretary

When I was in New York at Thanksgiving time I met Hazelton, McCandless, and Crabbs. They were all interested in the reunion, and Mac and Crabbs practically promised to be on hand in June. Hazelton thought he might be too busy, but before I left he warmed up a little. Keene had been on from North Dakota recently, and stirred

up some enthusiasm. Even if Keene does live in a cold country he's pretty hot for the reunion.

Barr was on hand at Homecoming, and that gave him an added interest in returning for the June meeting. I'm sure Dr. Wilson will be on hand also, for he always has time to do the things he wants to do.

The Secretary was elected a member of the executive committee of the intra-fraternity conference at the meeting in New York in November.

Frank H. Clark, *me*, had a severe loss in the destruction by fire of his beautiful home in Baltimore, Md., shortly before Thanksgiving. He had intended bringing his family to spend that holiday with his sister, Edith L. Clark (Kirkpatrick), '90, of Urbana, but his loss prevented their western trip.

T. T. Gelder is living in Philadelphia, and his present address is 231 South American st. "Tolly" has never married. He still comes out once a year to visit his old home at Virden, Ill. He and his brother are operating a farm down in Maryland in addition to his work with the publishing company with which he is connected. An effort is going to be made to get him back to the reunion.

1891

Glenn M. Hobbs, American School of Correspondence, 58th street and Drexel avenue, Chicago, Secretary

We are so busy trying to get out a rush edition of our Automobile Encyclopedia that we can think of nothing but gasoline and smell nothing but gasoline. Our throttle is wide open, we are changing tires every few miles and if something doesn't bust, we will be going at top speed until about the middle of February. In the meantime we have had a most comfortable response from members of the class and just how we can get into copy all that has been said is a mystery to us.

On request we have a spasm from "Beck" on his trip to China. His tale of Chinese iniquity would make your hair rise on end and your blood curdle. These few excerpts show the trend of his thought. He says "My problem was to make 100 crooked Chinese politicians, who had 4000 years of crooked ancestry, be good. China has ten politicians to our one and Yuan, the present Head of the Chinese government, is no better than the rest of them." From references which Beckwith gives of the experiences of Charles Janison and Professor Goodnow, we assume that their experiences were very much like his own. Beckwith had a fine trip around the world but says very little about that. It is his opinion that most people in this country consider Chinese politicians honest, but our bankers are wise. We were very glad to hear from Beckwith and are sorry that his experiences in China were not more agreeable.

A letter from Dick Chester dated Nov. 24 acknowledges the receipt of the Round Robin and he has really written us quite a letter—for Dick. He says "To tell you the truth, when it comes to writing about myself, I am a dismal failure. I came from New York to Pittsburgh on April 1 and am still with the same company at the same old business—but not doing the same people. You know this city is not strange to me as it was the first place I went to after leaving college. I later on went out West, worked back to Pittsburgh again and later went East; and I find myself back here in the Smoky City for the third time". He speaks of seeing Ed Keene in Washington and Peter Nesbit in Cleveland. The latter he avers is about twice the size he was when attending the University, which isn't much at that as we remember. He also speaks of seeing Steinwedell in Cleveland and ye Secretary can also testify to having heard "Steiny's" voice in Chicago about

two weeks ago, but through pressure of business engagements we failed to connect in a material way.

Alice Ben Bolt wrote us under date of November 30 that she had been knocking around St. Luke's hospital, Chicago, for several weeks helping Polly mend a broken leg and declared she was going to call me up. She wrote her letter from Urbana and when we made a call at the hospital we found she was still away. We had a short visit with Polly who is just beginning to sit up. Her accident was a peculiar one. She was knocked down by one of the revolving doors in Field's store as a result of which her leg was fractured. I am sure Polly has the sympathies of all members of the Class. We fear that Alice was doing too much Christmas shopping to call up a mere Secretary as we did not hear from her.

We had a telephone message from Ed Clarke in the early part of October and a good letter from him under date of November 29. Ed was here visiting his brother and sister. We were very glad to have him call us up as he had only a few days here and was very busy. He speaks of the strong showing of Illinois men in the Architects' convention. Professor Ricker, Matteson, and Herbert Hewitt, read papers; Hall of '94 was prominent chairman; Carpenter from Rockford was secretary; while Kiefer, Hubbard, Aldrich and Levy and himself were present and took part in the discussion. He, like everybody else in the country, deplores the poor business conditions. Let us hope that they will soon improve.

We have a letter from Gardner under date of December 4. His oldest son is a freshman in the Penn State college which shows that we are all moving on. He reports an encouraging increase in the Pennsylvania school of agriculture and prospects for a new agronomy

building, which will no doubt be a great gratification to him.

A cheery letter of December 4 from John Chester advises us that the Round Robin had been sent on to Helen. John wonders if this bird is to be embalmed when it reaches Chicago. We assure him we have another plan for him, as he is going around again. John writes of attending a homecoming and probably on account of the way the football game came out we fancy he is warming up to that little function just a bit. He mentions having thrills which compare very favorably with his feelings when Harvey, Jay and himself got the eye water in the freshman sociable at Danville.

Some time in November we caught Harvey in the act of coming to Chicago, stopping with friends, and getting out without even calling the secretary up, which is a criminal offense in this district. We were walking with our family in Jackson Park and met him face to face. Considering the size of Chicago, the remote possibility of our walking in Jackson Park on a Sunday, and the remote possibility of Harvey being in Chicago at that particular moment, this seems to us about one chance in ten million. We got him though and had a good chat over things old and new. Evidently his conscience troubled him because he wrote on December 7, although admitting that nothing had happened except the celebration of his and his pal's 20th wedding anniversary. We take the responsibility of offering congratulations from the Class with the hope that many more anniversaries will pass over their heads. Harvey thinks that John Chester must have been running a bluff in the picture which we so kindly reproduced in the Autumn *Quarterly* as he can hardly imagine John being "so up in the air" about anything. Harvey makes a good suggestion, which we shall adopt, in regard to

the Round Robin when it makes its second trip.

Eno wrote on December 10 that he was busy preparing for the annual Highway Engineering convention to be held on January 25th to February 6th. He advised us that he would be in Chicago for a road congress on December 14 and did us the favor of calling up. We arranged for a meeting and took lunch together. Eno is very active in highway engineering circles all over the country and is head of a very strong department in Ohio State University.

Just a word from Helen Schoonhoven tells us that the Round Robin has gone on to Boyd. Here is where we take a chance and if we do not use some strenuous efforts we fear he will turn the letters all into Egyptian hieroglyphics before we can get it away from him. No word as yet that it has been sent on by him.

Walter Shattuck writes under December 16 that he is busy. His firm, Shattuck and Hussey, has made a specialty of Y. M. C. A. buildings all over the world, and now have buildings constructed and in process of construction in China, Korea, Japan, the Philippines, as well as practically all of the states of this country and Canada.

At last a little squeak from our worthy President. He writes from Kansas City and we are very glad to know that he has not been pickled in his own fig juice as yet. He says:

I spent the summer at La Porte Orchards, and put in part of the time picking figs with a gang of Mexicans and at all times have kept close to the ground, but am not surprised to learn that John Chester has taken to aviation for recreation. Please caution John not to try any loop the loops or spiral dips until after June, 1916, for we want him with us in body rather than spirit and I don't want to have to appoint any resolution committees. I was at the Orchards again in October, and with some northern friends ran down to Galveston and had a fine swim in the Gulf. You are just right in planning to send the Round Robin over the course again and the bird will not only be sure of welcome at every stop but being now better acquainted with the

route, it should be able to make better time and round up with the crowd by 1916. Speaking of 1916 it is not too soon to make resolutions and to begin making definite plans to reserve a few days in June, 1916, and a few dollars in the family sock so we may go back to Illinois and renew acquaintances with the finest group of girls and boys on earth in a place where we can revive some of the happiest memories of life. Some of us may get together often after 1916, but the years are passing rapidly, and that is the one time set for coming together of *all the Class of '91*. We cannot safely count upon seeing all of the old crowd, after that time—we can't afford to miss the opportunity.

The "Spirit of '91" stands for something—it was fine in 1911; ask any one who was there—but with all the pleasure there was one thing lacking, and that was the bunch that didn't come and that we wanted to see. We wouldn't believe there was any lack of loyalty on their part for we know them of old. Few classes have ever gotten back as large a percentage of their members twenty years after graduation as '91. Let us make the record clear in 1916 and establish a precedent worthy of '91 by getting every living member back.

Here, here, we say and it is our hope that every living member of '91 will be present on that auspicious occasion in June, 1916.

We received a nice letter from Laura Beach Wright. Laura is trying to rival "Jerry" Bouton who claimed that our American school building was in his grandfather's pasture. She says that some of the ground on which the Battle of Gettysburg was fought was part of her great grandfather's farm. This, in these strenuous war times carries us back to our own war troubles, and no doubt many of us often wonder if our fathers and mothers had as severe trials as the citizens of the warring nations seem to be having in Europe just now. It certainly seems as though the horrors of war have increased. From her letter one would judge that Laura is deep in the social activities in Cleveland.

We have also received a long letter from Nellie Darby Petterson, telling of her trip abroad during the last year. For fear of not doing justice to her account we are setting this over to the April issue so that we can give more attention to it.

The Secretary wishes all the members of the Class a most Happy and Prosperous New Year.

1892

Mrs. Cassandra Boggs Miller, 1103 west Illinois street, Urbana, Illinois, Secretary

F. G. Carnahan's address has been changed to Seattle' Wash., 1220 Boren ave.

1893

E. C. Craig, Mattoon, Illinois, Secretary

[The Class of 1893 elected as Secretary E. C. Craig of Mattoon, Ill. Mr. Craig in looking about for some method to follow in getting news from his classmates adopted the circular letter plan. Although at first the responses were rather discouraging (six replies to seventy-three letters) he kept at it and soon had on hand quite a collection of material. He decided to write his own news items in the form of brief biographical sketches. The *Quarterly* prints herewith as many of these as space will allow. More will appear in future issues.]

Robert F. Carr has always taken much interest in the University, and to the great pleasure of the alumni and all persons interested in the welfare of the University, has been elected one of its trustees. While he has been a busy man and has made for himself a name to be envied in the business world with the Dearborn Chemical co., of which he is president, he has never been too busy to take an interest in the Alumni Association, the Illini Club of Chicago, and other affairs concerning Illinois people.

A. G. Higgins since leaving the University has done everything from digging sewers in Chicago to practicing architecture there, in Colorado, and in Missouri, has mined in Colorado and finally settled down to the manufacturing business in Kansas City, where he is manufacturing a concrete column, called "Trusswall," invented and patented by him. He tells of the Kansas

City alumni club having weekly lunches and speaks of John Powell, A. E. Harvey, R. O. Barnett, George Blakesley and "Fat" Parker being present.

J. A. Kinkead is resident sales manager of the Parkesburg Iron co. at Parkesburg, Pa. He writes that he is apparently the only representative of the class in the east, although there are several of '92, '94 and '95. If you are



a '93, and live somewhere near Kinkead, write to him and say where you are.

Kinkead is married and has "four of the finest boys that one ever saw." They range from eight to three years and in the accompanying picture are robed as Trilby was when she posed "for the altogether-*l'ensemble*."

Nina B. Lamkin writes from Sterling, Kan., and says she is a very busy woman. Her time during the winter is spent as the head of the physical education and hygiene department of the Y. W. C. A. at St. Louis. This is the largest association in the country, having a membership of 8000. June, July and August of

each year are usually taken up with Chautauqua engagements. Her Chautauqua work deals with organized play, with talks to parents and teachers, organization of playgrounds, etc. Miss Lamkin has written two books on physical education that have already been published, and is now preparing a third. She also does some writing for three magazines. She spends her vacation, the little time that she has, at her ranch in Colorado. The Class will all remember her with pleasure. She deserves the success that she has attained.

George W. Blakesley is vice president and treasurer of the Security Stove and Manufacturing co. at Kansas City, Mo. The Company has a capital stock of \$110,000 and employs about sixty men. Mr. Blakesley has charge of the manufacturing end of the business. He is married and, as he states it, has "four of the finest children ever produced, the oldest being a daughter of twelve years."

Louis T. Graham since graduation has been in Champaign but once and at that time was too busy to see anyone. He says he sees a few of the alumni, occasionally. He is a lawyer, a Democrat, has a good practice at Pittsfield, Ill., and has "one wife and one child eighteen months old." In writing, he says "I would consider further schedule unwise and doubt very much that the above information is of value," but admits he will read with great interest the result of the Secretary's labors.

George W. Seaman died on August 1, 1914, of appendicitis. His wife, Susie Reichert Seaman and three children, Ethel Elizabeth, who is twenty-two years of age, Forrest Wesley, twenty, and Leland Stanford, eighteen, live in Mansfield, Ohio. Mr. Seaman was married on Sept. 1, 1891, to Susie C. Reichert of Beardstown. In 1893 he returned to the University and in the spring of '95 finished a two years' graduate course. In December, 1895, he began work with the

Port Huron Engine & Thresher co. of Port Huron, Mich., as mechanical engineer; he was promoted to assistant superintendent, which position he held for two years. In 1904 he went to Mansfield, Ohio, as mechanical engineer with the Aultman and Taylor Thresher co. After two years he was elected superintendent, serving in that capacity until in June, 1914, when he resigned on account of his health.

A. B. Loomis lives at Toledo, Ohio. He is with the Toledo Bridge and Crane co., engineers, at Toledo. After leaving the University he spent one year at Cornell taking post-graduate work. Since that time he has been, for the most part, with the Toledo Bridge and Crane co. This firm recently was awarded a contract for the central bascule span of the large reinforced concrete bridge across the Tennessee River at Chattanooga.

W. B. Rowe is one of the Class who has had sense enough to stick to agriculture. He is a successful farmer, living in Harper County, Kan. He has been farming there since 1903. Mr. Rowe has taken a prominent part in the Farmers' institute work, and represented his county Institute at the first agricultural and industrial congress at Hutchinson, Kan., 1912-13. Mr. Rowe was married before he graduated. He has three sons and one daughter. Mr. Rowe has taken great interest in the Masonic order, having passed through all of the chairs in the Blue Lodge. He is now serving his third year as secretary. He is president of the board of directors of the Freeman Telephone exchange co.

Louis Klingel for about a year after his graduation taught school at Belleville, but not being pleased with that kind of work he gave it up and studied law for two years at the University of Michigan, graduating in 1896. He then returned to Belleville to practice law. He writes about that experience as follows:

I hung out my shingle and there it hung, and hung, and hung, and I just sat, and sat, and sat, until I sometimes envied the shingle. I practiced intense economy for a number of years, but finally my patience was rewarded and I was permitted to practice law. I am now a member of the firm of Barthel, Farmer and Klingel, general practitioners, with offices at 302 Commercial bldg.

Mr. Klingel is happily married and, as he states, "thoroughly domesticated." He has two children, Catherine, aged six years, and Mary, two years. He admits that he has been back to the University but once since graduation but asserts that he is as loyal as he was the day he received his diploma.

George J. Arbeiter, after his graduation from the University, took a law course at the University of Michigan and was graduated in 1895. E. W. Morris of '93 was with him at the University of Michigan. Arbeiter writes that Morris is somewhere in Oregon conducting a large ranch. Mr. Arbeiter began practicing law in Joliet in August, 1895, and has been located there "from hence hitherto." He was married Feb. 1, 1899, at Elgin to Miss E. Kittie McBride. They have three children, George Carlton, aged 12, Gladys Esther, 10, and Lois Genevieve, 6 years.

William R. Chambers writes from Safford, Ariz., that he is one of five lawyers practicing law in his county. He has the leading practice there and says that there is something in the words of Caesar, that "Better first in a small German village than second in Rome." We believe Bill could have been first even in Rome had he tried. Mr. Chambers went to Arizona in 1905-06 to regain his health. For three years he was clerk of the territorial district court. He resigned in 1911 and went back to the practice of law. He admits that he would not be able to go up against Pogue or Chapman in a football game, but states that he has sufficient physical condition to take care of almost any kind of a scrap put up by the members of the legal fraternity in Arizona. We take

it that he is in pretty good physical shape. He says that Safford has about 3000 inhabitants and has as fine schools as any city of fifteen or 20,000 people in Illinois. Mr. Chambers has been a member of the local school board for the last three years. He says that the country is noted mostly for the production of alfalfa and children, but that he has only one boy, eight years old, a healthy strapping fellow, who knows more about the European war than his dad.

M. A. Earl lives at Muskogee, Okla., where he has been located for nine years in an office of his own, acting as consulting engineer. He has made a specialty of water, light and sewer work, and municipal work generally. He is president of the United Engineering and Construction co. and is enjoying a lucrative business.

C. V. Millar writes that he is still at the head of the Millar Chemical laboratory at Joplin, Mo., and that he is still assaying zinc and lead. He remembers well how "Sammy" would act when we did not have our calculus lesson and seems to have some feeling toward the Secretary of the Class because when Millar was drilling in the rear rank, directly behind the Secretary, the Secretary in making a pinwheel of his gun came near breaking the skull of Millar.

Millar says that his head, although for years "among the acid fumes and fumes of worry and fuss, still retains its auburn hue." He admits advancing old age, by stating that he has played indoor baseball this winter to keep from getting too old and stiff. He reports that he has two healthy boys whom he hopes will be enrolled at the University some day.

Harriette A. Johnson lives at 1132 First ave., Rock Island, with her mother and sister. She fills her part in the social and philanthropic life of the community and has been truer to the Class

of 1893 than most of us, being one of the three who represented us at our twentieth reunion.

Miss Johnson deplores the lack of class spirit of 1893 and blames it to the lack of organization when we were graduated. She writes that she had the pleasure of hearing the University of Illinois Glee club recently at Moline.

Sophie Marie Peterson (Parr) is teaching in the Champaign schools. Last year she was appointed principal of the Col. Wolfe School at Champaign. Her mother is an invalid, whose care falls on Mrs. Parr. These duties, and the care of her two children, keep her very busy.

She was married in 1899 to L. J. Parr, an architect of the Class of 1897. He practiced architecture in Peoria until his death, Dec. 29, 1906.

William Townsend has his office at 1121 Marquette bldg., Chicago; his home address is 122 N. Catherine st., La Grange. Billy has written a very interesting letter about his family. He says he has a boy and three girls, "all fine kids, which we would be glad to prove to all of the Class of 1893 by a personal inspection." He writes of nothing else except to tell that our old friend Bob Vial is located on the homestead south of Western Springs and is making it a point to see that the babies there get the best of nourishment, and that the Dads get fat on oatmeal and cream; he says "of course Robert weighs all of the milk from each cow and expresses his chagrin when they fall below the high standard that he has. However, I have never heard of his playing any tricks on his faithful herd, like putting green goggles on them in the winter to make the hay look like grass, or the Long Island trick of turning on the electric light in the chicken house and getting two per day from the hens."

Edward E. Barrett before graduation was with the United States engineering corps during two vacations. After graduation he was directed to start a survey of the Mississippi river. He selected twenty-four of the best men he could secure and spent several years in this rough, but delightful work, covering over 400 miles of the river.

While in the vicinity of Burlington, Iowa, Congress made an appropriation for a preliminary survey for a levee to reclaim a large area of overflow land. The work was turned over to Mr. Barrett.

Upon the completion of the levee work Mr. Barrett was assigned to river and harbor improvements at LaCrosse, Wis., and remained there until Mar., 1901. He then took a position under Frank Beckwith, '91, on the double-tracking of the C. B. & Q. railroad in Iowa, and for three years was with Fairbanks, Morse and co. Later he purchased an interest in the firm of Roberts and Shafer co., Chicago, whose offices are in the McCormick bldg. He has been associated with them for the last ten years as general manager most of the time.

He has also been interested in civic affairs in his home in La Grange, Illinois, and holds several important offices. He has been married for twenty years and has two boys, one of fifteen years, who is now attending Western Military academy, and the other nine years old.

1894

Walter B. Riley, 702 west Clark street, Champaign, Illinois, Secretary

1895

E. K. Hiles, 2511 Oliver building, Pittsburg, Pennsylvania, Secretary

We failed to have any '95 news in the last issue of the *Quarterly* for which I hereby offer a full and complete apology. I could offer good excuses but no one ever cares to hear 'em.

Our Round Robin was finally started circulating just before Christmas, with letters from about one-third of the class; and I bespeak for it a cordial and interested reception. Although it has begun its maiden flight as a mere fledgling, one-third grown, I hope that it will be fully matured by the time it returns to Pittsburg. Here's hoping that every one will add to the R. R.

W. C. Lemen writes from Savannah, Ga., where he is chief assistant engineer in the U. S. Engineer office: "I have been in the Government service ever since I left the University . . . like the umbrella I was born in Illinois, but raised everywhere." He continues that his principal work at present is opening up the Savannah river from Savannah to the sea. He writes interestingly about his work, his wife (a former Champaign girl), and says that he spends his evenings playing with his two babies, running an automobile, and going out with his grown daughter—when he has a chance. He says: "Next Saturday sees my umpty-umth birthday, with a bald spot on the back of my head and with gray hairs over my all too-wrinkled forehead." He wrote a bully letter and we all hope he will be back next June for our **Twentieth**.

W. K. Yeakel uses stationery bearing M.D. after his name. He writes that since leaving the University he spent several years in teaching, then studied medicine in the University, and three years later began the general practice of medicine in Irving Park, Chicago. He writes entertainingly of his home life, which is centered about two children.

Frank E. King writes from Geneva, Ohio, where he is raising peaches. He says that "I was very lucky in finding, several years ago, a red-headed Irish girl, who was willing to try to raise me". We hope Frank will come back to the reunion next June and bring his

wife with him, because we do want to know her.

Edward L. Mann sends a letter from Mannville, Fla., where he is developing pecan and orange groves, and says that several years ago he was obliged to give up his law practice to avoid a complete breakdown. The outdoor work he is pursuing in Florida has fully restored him to health. "I am sure enjoying life in this fine climate".

R. A. Bower Jr. greets us from Tolono, Ill., where he runs a bank. Bower is a good booster. "We see no disappointment in the faces of the members of '95," he says, "whom we occasionally meet. Our class has made good. We were a young looking set in '95 and we do not grow older. There is a strange compensating influence and balance in our lives. It must have some intimate connection with our college training and our class kinship. Most of our members had the most modest beginnings; in fact I do not think that in this respect as a class we could be beaten."

From New York comes a letter of F. S. Holtzman's. He is vice president of the Gunvald Aus co. His life's story advises that the first five years after '95 were spent in gyrating from one structural job to another in the West; the next five years in the Navy department and the Supervising Architect's office in Washington; then in 1905 he went to New York as assistant to Gunvald Aus in the design of structural steel and foundations for buildings. Their most notable work is the Woolworth building. He writes that "I live at Hastings-On-The-Hudson, have been married twelve years, and have two boys. Don't feel any older than I did twenty years ago, but have to admit that time has passed when I overhear the kids remark 'the old man'".

Thomas W. Reely's letter comes from Fort Dodge, Ia., where he has been for fifteen years, and tells of a trip to

Europe in 1913, but says nothing of himself. I would suggest to Reely that some details of his life since leaving the University would interest us just as Europe interested him.

W. R. Morrison pens a letter from Jacksonville, Ill., where he is installing a new power house for the Jacksonville Railway & Light co. He has been associated with Congressman W. B. McKinley, in his several companies operating street railways, electric light and gas properties, ever since leaving the University. He has been located at various cities in the Mississippi Valley and has had charge of a street railway property in the Barbados. He writes enthusiastically of his work, and we hope he will attend our **Twentieth** next June.

"Shamrock" Sayres from Chicago says he has been with the Link-Belt co. since 1898, and is at present in charge of their coal washeries department. He refers neither to his business connections nor to his work since leaving the University, but some of the mining engineers and coal operators whom I have met here in Pittsburgh district regard "Shamrock" as one of the best coal washeries engineers in the country. He writes: "I attended the Illinois-Minnesota game in October and yelled myself hoarse over a 27-6 Illinois score. I tore loose at Minneapolis with the Gophers all around me and one person said I was 'horrid'".

Charlie Barry, 4221 Lincoln st., Chicago, refers to the Round Robin as follows: "You are expecting a good deal of me when you ask me to talk about myself. The only one authorized to talk about me is my wife, and she positively refuses. During the past two years I have been pretty well over the United States and parts of Canada, but strange as it may seem, the only Illinois man I ever met was Will Kimball in San Francisco. Twenty years may seem like a long time, but aside from the fact

that my feathers have changed color, I feel as young as I did that memorable day when the senior M.E.'s licked the senior E.E.'s 17 to 11."

R. Y. Maxon, Taylor, Tex., says he is kept on the jump with his present government work. He writes: "It is the writer's firm conviction that when life insurance policies lapse, civil engineering positions fail to materialize, and all the pulpits are filled, there is nothing like a United States Civil Service job to keep the wolf from the door. The press censorship on Illinois news is so strict among the Texas newspapers that the 21-7 score over Chicago on Nov. 14 has only just reached me. Yale, eight years, and Mary, four years, bid fair to represent the family in days to come."

Ray S. Carberry is in Imperial, Cal., where he is superintendent of the Imperial Water co. In reply to the Round Robin letter he writes: "Though the thought expressed in the appeal seems desirable, it is very hard to warm up now on account of the *extreme* cold. When the mercury in the thermometer goes as low as 35 degrees at four A. M., it is very cold to people who know better. Of course, this does not apply to such members of my class as are still suffering and trying to make themselves think they are comfortable in a climate that reports snow and zero weather." Carberry surely has a bad case of Californiaitis. Speaking of "suffering" I believe I suffered more with the cold when it rained in California in March, the first year I was there, than I ever did here in Pittsburg in zero weather.

E. J. Lake responds from Champaign, where he is in charge of the department of art and design at the University. He says very little of himself, except to state that he has worked hard and suggests that we were all lucky in our choice of a time to attend the University, intimating that our school days were veritable holidays in comparison

with those having present-day requirements. He continues that our children meet higher standards than we did twenty years ago, and advised us to be rather chary in offering to help them with their school work when they come home for Christmas vacation.

Walter Vance wrote his contribution to the Christmas Round Robin while in the Presbyterian hospital, Chicago. Says he: "Am laid up for a month, having a tube vulcanized, said tube being the one the doctors call the duodenum. Had an operation last summer for appendicitis and am now playing a return match. Am assured that I will be allowed to go home on the day before Christmas, and will be all well, in view of which I expect to be able to trim the class Secretary when next we meet at golf." He is secretary of the Durand Steel Locker co. at Chicago Heights, where he has his home. He has two boys, who apparently keep Walter and Mrs. Vance very busy. He says that he spent a most delightful evening at the home of Marion Thompson Gratz in St. Louis last winter, and in October saw Fellheimer, Holtzman and Otto Goldschmidt in New York. He mentions his trip to Champaign and the Illinois-Chicago football game last fall, and takes the opportunity to get a little oration on "class patriotism" out of his thoughts.

Peter Junkersfeld, Chicago, is assistant to the vice president of the Commonwealth Edison co.: "I have just begun my twentieth year with the Commonwealth Edison co. of Chicago," he says, "and its predecessors. We manufacture and distribute juice (fiery, not liquid) and furnish electric service to the inhabitants of Chicago for use in transportation, in their business, and in their homes. During these nineteen years I have been in the operating, construction, engineering, commercial and, in the last five years, in the executive branch of the business. Between times

I try to play at golf once in a long while, and with one or two exceptions play about as poorly as four others of the Ninety-fivers with whom I crossed clubs last summer." (At this point Peter makes invidious remarks about Vance, Strehlow, Burdick and yours truly.) He says that Mrs. Junkersfeld and he made a month's trip to the West Indies and Panama last year, and a couple of years ago a two months' trip to Europe. They are planning to join the throng visiting California next year.

Parker Hoag writes: "As to the Round Robin letter, while I would be very glad to hear from all the other members of my class, yet as far as I am concerned myself, the world has not been startled by any of my achievements. Therefore, I have nothing to say in reference to myself. I hope, however, that the other members of the class will be able to say that the pages of history have been illumined by their acts." Parker has missed the nub of the Round Robin idea. I think we are more interested in a general way in what the members of the class are doing, than in startling achievements of its various members. When the Round Robin reaches Hoag I hope he will add a couple of pages telling something of himself. His letter head indicates that he is an attorney in the Fisher bldg., Chicago.

E. S. Hall talks from Chicago: "You may have heard that there is a war in Europe and that it has had a marked effect on building loans and anything that clogs building loans has the tendency to put architects on a one-meal-a-day allowance. There is always plenty of that Thank You work for the benefit of the dear people; but Pay as You Enter Work is not overly plentiful at this time. The most interesting task I have been engaged on since beginning practice is the group of Y. M. C. A. college buildings now in course of erec-

tion on the block bounded by Fifty-third and Fifty-fourth, Drexel and Ingleside aves, Chicago." He has four children ranging from fourteen to two years.

Up to date four girls of the class have written Round Robin letters.

Bertha Pillsbury says that for the past year and a half she has been acting registrar at Simmons's College, Boston, but that next July will end these duties, and she will resume teaching English. Her mother and father are now living with her at 1073 Center st., Newton Center, Mass.

Marion Sparks sends a newsy class letter and adds that since January, 1912, she has been in Urbana working mostly in the chemistry library of the University.

Hortense Call Barr forwards a Christmas note from Urbana: "The idea of a Christmas letter appeals to me very much. It adds a great deal to the joy of the day to hear from many that we often wonder about as to where they are and what they are doing. My tale is soon told. I am still in Urbana, keeping house for Mr. Barr, and just now preparing Christmas for four little Barrs."

Daisy Scott Stevenson begins her letter "Dear people, the class of '95. You see I remember the last part of our class yell, anyhow. I am delighted with this idea of a Round Robin, but have to admit that it gave me a slight shock to be reminded that it will soon be twenty years since we graduated. Of course I was aware in a vague sort of way that it must be about that long, but I had not before seen it boldly down in black and white. My husband is head of the Department of Agronomy in the Iowa State college and vice director of the experiment station here in Ames."

A letter just received from Charlie Burdick states that "replies are coming in from day to day in response to the twenty-six letters that I sent out re-

garding the reunion next year. For your information and use I would abstract the replies as follows:" [The *Alumni Quarterly* regrets exceedingly to cut short Mr. Hiles' news section at its most interesting part, but further space cannot be found in this issue.]

1896

Mrs. Sophia Leal Hays, Urbana, Illinois,
Secretary

1897

O. L. Gearhart, 107 west Springfield avenue,
Champaign, Illinois, Secretary

1898

D. R. Enochs, north Neil street, Champaign,
Illinois, Secretary

1899

L. D. Hall, 3823 Livingston street, Wash-
ington, D. C., Secretary

There are about forty Illinois alumni here in the District of Columbia. F. M. Simpson, *ag-'09*, has been associated with me here since July in the office of markets. On a train in New York the other day I came across George Ray, '98, who, as you know is chief engineer of the Lackawanna railroad. Experts tell me he has accomplished remarkable results. He is just as modest as ever, though, and as youthful.

The Alumni Association is entitled to the thanks and congratulations of all of us for the standard of excellence maintained in the *Quarterly* and *Fortnightly Notes*. They are a credit to the Association and to the University.

1900

Mrs. Nellie McWilliams Enochs, 618 west
Clark street, Champaign, Secretary

George Gibbs, on leave from the Olmsteads, is serving as expert in landscape gardening for the Boston city planning Commission.

1901

Frank W. Scott, Urbana, Illinois, Secretary

1902

H. F. Post, Bemidji, Minn., Secretary

1903

Mrs. Ethel Forbes Scott, 1003 west Oregon
street, Urbana, Secretary

1904

R. E. Schreiber, 1140 Otis bldg., Chicago, Secretary

Cass Clifford, formerly assistant State Treasurer, has returned to his old home in Champaign to resume his position in the First National bank.

L. T. Ericson, *ce*, has been appointed engineer for the American Creosoting co., 17 Battery place, New York City. He will have charge of the engineering and contracting wood-treating plant at Newark, N. J. Mr. Ericson was for three and one-half years assistant superintendent of the timber preservation department of the Port Reading creosoting plant of the Philadelphia and Reading railway and the Central railroad of New Jersey. Prior to that he was associated with Dr. Herman Von Schrenk for three and one-half years in the timber preservation work of the Frisco-Rock Island lines and the Chicago and Eastern Illinois.

Camilla M. Brunner, 1406 Bluff st., Peru, writes that she is preparing to travel for several months, but in the proverbial haste did not say where she was going. Letters will be forwarded from her home address.

Ralph S. Bauer, *la*, was married on Aug. 12 to Edna F. Stetson at Deer Lodge, Mont. Mr. Bauer is now professor of law in the John B. Stetson University, De Land, Fla., having been promoted from assistant professor, his rank in 1913-14. From 1911 to 1913 he was professor of history in the College of Montana. He has also taught history and government in the University of Oklahoma.

A son, Stokes T., was born on Dec. 11 to S. T. Henry, *mse*, and Alice McDougall (Henry), '05.

1905

Thomas D. Casserly, Chicago Plumbing & Heating Co., 3941 Evanston avenue, Chicago, Secretary

Born, to E. W. Wagenseil, *me*, and Ruth Taylor Wagenseil, on Oct. 26, 1914, a son, John W.

Wharton Clay, *arch*, was married on Nov. 25 to Helena K. Cox at Chicago.

"We get genuine enjoyment out of the *Quarterly* and *Fortnightly Notes*, and feel as if we could not keep house without them," writes Helen Bullard (Bates) from Brookings, S. D.

1906

W. R. Robinson, 837 south Illinois street, Springfield, Illinois, Secretary

Effie L. Bauer, *la*, was married on Nov. 18, 1914, to Lloyd K. Ellsberry, *la*, '10.

Paul A. Shilton is with the Century Electric co. in Los Angeles, Cal.

T. E. Phipps, *ce*, is the choice of the public service commission of Seattle, Wash., for the post of chief engineer, according to the Seattle papers. He has been with the Chicago, Milwaukee and St. Paul railroad for several years. For his new position he was recommended highly by the surveyor general of the United States, by well known railroad officers and by Professor Baker of the University. H. H. Harwood of Seattle kindly calls the attention of the *Quarterly* to the news item.

Born, to Paul E. Howe, *chem*, and Harriet Rinaker (Howe) M.A., on Aug. 19, 1914, a daughter, Clarissa Howe.

A few holiday cards from some of the class came during Christmas week and were gladly received.

R. H. Whipple, *ce*, called on the Secretary recently while in Springfield to appear before the Illinois Public Utilities commission on a case in which his company is interested.

1907

Thomas E. Gill, 521 Ashton building, Rockford, Illinois, Secretary

H. W. Elliott is with the George A. Fuller co., Chicago.

The address of W. W. Maxwell is now 310 W. Church st., Champaign.

Alwin Schaller is superintendent for McEwen Brothers, manufacturers of centrifugal pumps, blowers and boilers,

Wellsville, N. Y. "I hope that success is crowning your efforts to interest the alumni," he says in a letter.

"*Fortnightly Notes* is a very attractive, condensed little sheet," says John M. Evvard, a member of the faculty of Iowa State college. "It has magnetic qualities. It depicts the right spirit, and instead of giving the sap, gives you the syrup in the most palatable form. Stay with it and it will be stayed with."

The address of Ruth Brown remains 211 N. Galena ave., Dixon.

Roger F. Little, *law*, is lecturer on elementary law in the College of Law. He will also have classes at the new short course in business.

The marriage of Frederick R. McCullough and Mattie Carter Trumbull took place on Christmas day at Chicago. After Feb. 1 they should be addressed at The Westminster, Walnut Hills, Cincinnati, Ohio.

L. D. Howell has moved to Tacoma, Wash., 620 S. First st. He had been at Salem, Oregon.

1908

B. A. Strauch, 629 south Wright street, Champaign, Illinois, Secretary

Carl Ten Broeck, who has been with the Harvard Medical school for some time, expects to be with the Rockefeller institute as soon as the laboratory opens for study of animal diseases.

Florence Williamson, *la*, was married to Harry W. Best on Dec. 31 at Palacios, Tex. They were at home after Jan. 10, at Lorain, Ohio, 204 E. Lorain st. While living in Palacios, Mrs. Best was secretary of the Gulf Coast alumni club.

Born, to E. M. D. Bracker, *ag*, and Ada Dinkleman (Bracker), on Sept. 8, 1914, a daughter, Charlotte Elizabeth. Mr. Bracker is in charge of farm mechanics in the Oregon Agricultural college, Corvallis, Oregon.

1909

P. K. Johnson, Belleville, Illinois, Secretary

Kenneth H. Talbot, *ce*, who is assistant inspecting engineer of the Universal Portland Cement co. in charge of the inspection and information bureaus in the Pittsburg sales district of that company, was married to Gertrude L. Phillips at Elgin, Ill., on Aug. 18, 1914.

J. E. Hite, M.S., is raising sheep in Tennessee.

Mary Fruin, *la*, should now be addressed at 1014 Byron st., Chicago. She is attending the Columbia College of Expression in that city.

H. C. Dean, *ee*, has won the position of electrical engineer in charge, in the department of electricity of Chicago. The appointment came as the result of a civil service examination.

W. C. Johnson, *ce*, is a contractor in Belleville.

Zita Jackson (Leonard) lives on a farm a half mile from Niantic. Mail should be sent to Illiopolis, R. R. 54.

W. P. Doerr, *arch*, is living at 643 E. 50th place, Chicago.

1910

L. R. Gulley, care of the Burr co., Champaign, Illinois, Secretary

L. M. Dunsheath, *me*, is now at Portsmouth, Va., 301 London st. He formerly was in Pittsburg, Kan.

I. J. Berkema, formerly principal of the Sheldon schools, has returned to take up work in the Graduate School of the University. Hiss address is 905 W. Illinois st., Urbana.

J. R. Stevenson, *ee*, was married on July 9, 1914, at Chicago to Laura Alice Worrell, ex-'13. They are living in Monmouth, where he is manager of the Monmouth Public Service co. Residence address, 120 S. Eleventh st.

Robert Taylor Jones, *arch*, was married on Dec. 30 at Olney to Alice Leone Te Walt. Mr. Jones is instructor in architecture in the University.

Born, to Robert E. Hopkins and Lue Giles (Hopkins) on Sept. 30, 1914, a son, Robert Edward Hopkins Jr.

H. H. Slawson is employed in the offices of Sears, Roebuck and co., Chicago.

1911

Ruth M. Burns, Macomb, Illinois, Secretary Florence Baxter (Snyder), *la*, and A. E. Snyder, *ag*-'12, are the parents of a baby girl, Lillian.

J. O. Huff, *la*, is teaching in the Lyvernon township high school.

Roy E. Pickett, *arch*, has a position at Smithers, British Columbia.

Lent D. Upson, Ph.D., has achieved quite a reputation lately in his work as city manager of Dayton, Ohio. His address is 602 Schwind blvd. He formerly was investigator for the bureau of municipal research of New York City.

Robert A. Walker, *sci*, should now be addressed at 502 N. Wilson ave., Alhambra, Cal.

Charles H. Knowles is with the Carson-Payson co., with headquarters in Indianapolis.

"I wish to add my word of hearty commendation on the quality of both your publications", writes L. W. Scott, pastor of the Second Presbyterian church of Genoa, N. Y. "Since we meet so few Illinois people here in our small village, the alumni publications are of unusual interest to us. We are located only twenty miles from Cornell University. Have just learned that Prep White is taking postgraduate work down there. With best wishes for 1915 . . ."

Willard Russell Camp was married on Dec. 29 to Marie Scott at Bethany. After Mar. 1 they will be at home in Bement.

J. P. Fellows is owner and proprietor of the Center View Farm, St. Anne, Ill. "Our only excitement consists of raising Duroc Jersey hogs. Business has been very good with us the past year."

A. R. Anderson sends in his dues with the greatest of cheerfulness, and even hums a little tune:

Though business lags and money's tight,
Enclosed you'll find a little mite
To help as per your late request
And for the coming year the best
Of things on which good fortune dotes
I wish the *Quarterly* and *Notes*.

L. M. Wakeley, *ag*, of the Maple Lawn farm, Harvard, Ill., sends in a number of interesting news items, not only about himself but concerning others also. The Wakeleys made a successful showing of their live stock at the fairs last fall. They have a herd of Holsteins numbering sixty.

H. P. Kettron, *ce*, was married on Oct. 14, 1914, to Georgia Carnduff, at Aetna, Ind. They are living in Macomb, Ill., where Mr. Kettron is associated with the Illinois Electric Porcelain co.

Mary A. Hutchinson, *sci*, was married to C. G. Browne on Aug. 22, 1914, at Capron, Ill. They are living at 181 Park st., Detroit, Mich.

Born, to Edith Irene Hatch (Allen) and Paschal Allen, '05, on July 8, 1914, a son, Franklin Hatch Allen. "Franklin is not only a son but a grandson of Illinois," writes Mrs. Allen, "his grandparents being Ralph Allen, '76, Ada Eaton (Allen), ex-'78, Frank Waite Hatch, '80, and Agnes Kimball Hatch, ex-'80." [Sir Franklin Hatch with such a distinguished lineage to look back to starts in life with considerable responsibility. The *Alumni Quarterly* has its eye on this youngster.] Letters for Mr. and Mrs. Allen and for Frank should be sent to Green Valley, Ill.

Isabel M. Vandervoort is teaching English and history in the Belvidere high school. Her address is 537 S. Main st.

Charles E. Lutton, *mus*, was married on Dec. 29 at Abilene, Kan., to Nelle Graves of Abilene. Mr. Lutton is manager of the music department of the Clark Teachers' agency, Steinway hall, Chicago. He appears frequently through-

out the country with various choral societies as soloist, his last engagement having been with the Topeka Choral society on Dec. 16 at Topeka, Kan., when he sang the bass solos in The Messiah.

1912

Mildred V. Talbot, 415 west 118th street, New York City, Secretary

Charles R. Horrell, *ce*, is a traveling salesman for the Electric Appliance co. of Chicago. He tours Illinois, Indiana, Michigan and Wisconsin.

Katharine Lewis is librarian for the Bennett Medical College, Loyola University, 1358-62 Fulton st., Chicago. She expects to return to Illinois for the second semester and complete her library course.

A. H. McMaster, *ag*, was married to Markella White on Nov. 18, 1914, at Garden Prairie. They are living at that place.

C. E. Wheelock should be addressed at Fort Smith, Ark., where he is a farm manager.

H. P. Reeves, *la*, who had been in Spain during the summer perfecting his Spanish, has returned to America after a long and anxious wait by his relatives, who of course have not been able to communicate with him on account of the war. He expected to go to Delaware after his return and begin work as instructor in a college there. He was appointed to the position last fall but no communication could be got through to him.

Myrtle A. Renz is now living at 708 s. Third st., Champaign, and should be addressed there instead of at Henning. She is order assistant in the University Library.

"Mr. K. S. Tsiang, '11, and I have joined this administration since June 1, 1914," says V. C. Chang in a long letter from Yen Chang, Shensi, China. The administration he refers to is the National Oil administration of China. "This new industry in China is a cooperation between the Chinese government

and Standard Oil co. of New York. It is located at Yen Chang, Shensi, which is way off in the interior, so that we are not quite well informed of the outside world. We have here sixteen U. S. well-drillers and half a dozen geologists. The work is just begun and we have a very nice start too. With regards . . ."

J. S. Findley has changed his address from 2913 Baltimore, Kansas City, Mo., to 1427 Broadway, Parsons, Kan. He is with the M. K. and T. railroad as inspector on the construction of their new general office building at Parsons.

The address of Frank Skiles, *me*, is 225 s. Cuyler ave., Chicago.

Robert G. Young of Harvard, Ill., was married late in December to Miss Margaret Clendening of Beardstown.

1913

Naomi Newburn, 1006 west Main street, Urbana, Secretary

H. H. Crawford, *arch*, is doing post-graduate work at Harvard. His address is 18 Prescott st.

H. C. Petersen, *ce*, is teaching manual training in Chicago. His address is 210 Lake ave., Park Ridge.

E. H. Swenson, *ce*, and G. H. Stough, *mse*, are engaged in the tests of railroad track which are being carried on near Champaign.

J. F. Schnellbach, *mse*, was married on Dec. 30 at Roseville to Phoebe Tucker, ex-*la*. They are living at 806 s. Third st., Champaign. Mr. Schnellbach is an assistant for the State water survey.

The address of V. H. Cartwright, *sci*, is 438 E. Washington st., East Peoria. He is in the paving business.

A. W. Kimball of Chicago has moved to 4622 Monticello ave.

C. H. Fletcher, *law*, may be addressed at Mattoon, in care of Craig and Kinzel.

The address of Alice Redhed, *la*, is 3719 Pine Grove ave., Chicago.

"Trust you will have all kinds of suc-

cess and happiness in 1915", postcards T. A. Fritchey Jr. from Cambridge, Mass.

A. M. Simpson is sales engineer for the Oneida Steel Pulley co., Oneida, N. Y.

The address of L. P. Bauman, *ag*, and Eleanor Combe (Bauman) is now R. R. 3, Fieldon.

H. F. Doerr, *arch*, should now be addressed at 1311 E. 53rd st., Chicago.

O. M. Eastman is still superintendent of the Amboy public schools.

Franklin C. Vandervoort Jr. is a mechanical draughtsman for the Rock Island railroad. His address is Moline, Ill., 2122 Eighth ave.

B. H. Crowder, *law*, formerly in the offices of Dobbins and Dobbins in Champaign, is now located in Seattle, Wash. Address him at 1639 Bellevue.

1914

Mabel M. Haines, 808 west Oregon street, Urbana, Illinois, Secretary

E. C. Williams, *ce*, was married on Jan. 2 to Irene M. Scoggin at Gardner. They are living at Highland Park. Mr. Williams is the station operator of the Public Service station of Northern Ill.

Bon L. Kirk, *law*, has opened a law office in the First National bank bldg., Champaign. Since graduation he had been associated with F. B. Hamill.

F. B. Burns may be addressed at the Corn Exchange bank bldg., Chicago. He is special agent for the Fidelity and Casualty co. of New York.

J. J. Woltmann, *ce*, is now at Nokomis. He formerly was at Anna.

J. M. Fetherston is with the Union Switch and Signal co., Pittsburg, Pa.

The address of T. Chuang is now Tsing Hua college, Peking, China.

"I belong to the Y. M. C. A. Teaching staff out here", says Jimmie Hunter in a letter to the Secretary, written from Peking, China. "We have both a day and a night school here, with about 300 students in each. The day school is supported by a wealthy Chinese merchant. . . . The principal work is the teaching

of the three languages, English, French, and German. Business subjects also are taught. . . . In the Peking Normal college I teach two classes in English conversation and composition. I also have charge of the athletic work. . . . Please extend my greetings to any people who may have remembered me at Illinois. . . ."

The address of Richard Habbe has been changed to Freeport, Ill., 168 West st. For several months he had been located at Evansville, Ind.

William H. Clare was married on Nov. 18 to Claire Isabelle Champlin Unger at Glen Elyn. They are at home in Glen Ellyn.

M. O. Nathan, *arch*, has been with the Stoolman Construction co. working at Watertown, Ill.

Sidney Casner, *la*, now a student in the College of Law, has been appointed instructor in the track work branch in physical training at the University.

John L. Alden, *me*, now sales engineer for the Oneida Steel Pulley co., Oneida, N. Y., writes that "I have been receiving the *Quarterly* and *Notes* regularly, and derive a great amount of pleasure from them."

The address of J. R. Colbert has been changed to Waverly, Ill.

Alexander Cohn is teaching science and coaching athletics in the Morton township high school at Morton.

Anton Prasil is an examiner in the Civil Service commission at Washington, D. C. His address is 325 Fifth st., S. E., Washington.

Margaret Taylor, *la*, has been appointed assistant principal of the Curtis school, Chicago.

Elizabeth Baines and Helen Fairfield are teaching household science in the East Aurora high school.

Frank Van Doren is farming near Villa Grove. His address is "Fertility Farm," Longview. Not long since, the farm name was mistaken for "Fidelity Farm."

V. T. Wilson Koo, *ce*, is a graduate student in the Massachusetts Institute of Technology, Boston, Mass.

"Hank" Busse, ex-'16, is playing with the Minneapolis Symphony orchestra.

Leota Smith, ex-'16, was married to Carl Stahl, *me*-'12, on Dec. 30 at Champaign.

Nora J. Busey, ex-'16, was married on Nov. 14 to Clyde Elois, a business man of Champaign.

MARRIAGES

1904 Ralph Stanley Bauer, *la*, to Edna Francette Stetson, on Aug. 12, 1914, at Deer Lodge, Mont.

1905 Wharton Clay, *arch*, to Helena Katherine Cox, on Nov. 25, 1914, at Chicago.

1906 Effie Lucy Bauer, *la*, to Lloyd Kirk Ellsberry, *la*-'10, on Nov. 18, 1914, at Champaign.

1907 Frederick R. McCullough to Mattie Carter Trumbull, on Dec. 26, 1914, at Chicago.

1907 A. F. Gustafson, *ag*, M.S. '12, to Zora Dean McUmbert, on June 30, 1914, at Charlotte, Mich.

1907 Charles Stephen Pillsbury to Eleanor Mahan Beardsley, on Oct. 29, 1914, at Kansas City, Mo.

1907 Eleanor Mahan Beardsley to Charles Stephen Pillsbury, on Oct. 29, 1914, at Kansas City, Mo.

1908 Harry Clifford Brown to Elizabeth Elliott Foss, on Nov. 21, 1914, at Chicago.

1908 Howard Chandler Williams to Anna Gertrude Hackman, on Oct. 31, 1914, at Cleveland, Ohio.

1908 Florence Williamson, *la*, to Harry W. Best, on Dec. 31, 1914, at Palacios, Tex.

1908 Arthur C. Pearman, *sci*, to Catherine Keeler, on Dec. 12, 1914, at Rockford.

1909 Kenneth Hammet Talbot, *ce*, to Gertrude Louise Phillips, on Aug. 18, 1914, at Elgin.

1910 J. R. Stevenson, *ce*, to Laura Alice Worrell, *mus sp*, on July 9, 1914, at Chicago.

1910 Robert Taylor Jones, *arch*, to Alice Leone Te Walt, on Dec. 30, 1914, at Olney.

1910 Lloyd Kirk Ellsberry, *la*, to Effie Lucy Bauer, *la*-'06, on Nov. 18, 1914, at Champaign.

ex-'10 Mabel E. Conde to E. A. Luther, on Aug. 5, 1913, at Sterling.

ex-'10 Malcolm Everett Thompson, *ce*, to Frances Elizabeth Allison, on Oct. 28, 1914, at Tuscan, Ariz.

1911 Willard Russell Camp to Marie Scott, on Dec. 29, 1914, at Bethany.

1911 Paul Kircher, *sci*, to Catherine Planck, *hsc*-'14, on Oct. 28, 1914, at Chicago.

1911 Frank Stanley Bauer, *me*, to Jessie Evelyn McGinnes, on Dec. 23, 1914, at Boulder, Colo.

1911 Roger Leroy Morrison, *sci*, to Frances Clare Meadock, on Dec. 26, 1914, at Detroit, Mich.

1911 H. P. Kettron, *ce*, to Georgia Carnduff, on Oct. 14, 1914, at Aetna, Ind.

1911 Mary A. Hutchinson, *sci*, to C. G. Browne, ex-'12, on Aug. 22, 1914, at Capron, Ill.

ex-'11 W. R. Diener, *ee*, to Alma Fraase, at Harvard, Ill.

ex-'11 Charles E. Lutton, *mus*, to Nelle Graves, on Dec. 29, 1914, at Abilene, Kan.

1912 Robert G. Young, *ee*, to Margaret Clendening in Dec., 1914, at Beardstown.

1912 Carl Stahl, *me*, to Leota Smith, on Dec. 30, 1914, at Champaign.

- 1912 John B. Hawley, *arch*, to Nellie Edna Bacon, on Aug. 19, 1914, at Santa Ana, Cal.
- ex-'12 C. G. Browne, *la*, to Mary A. Hutchinson, *sci*-'11, on Aug. 22, 1914, at Capron, Ill.
- ex-'12 A. H. McMaster, *ag*, to Markella White, on Nov. 18, 1914, at Garden Prairie.
- 1913 Maud Willard, *hsc*, to Frank M. Church, on July 18, 1914, at Belvidere.
- 1913 John Francis Schnellbach, *mse*, to Phoebe Tucker, *ex*-'1a, on Dec. 30, 1914, at Roseville.
- 1913 Thomas Edward O'Donnell, *arch*, to Dorothy May Miller, on Oct. 19, 1914, at Sandusky, Ohio.
- 1913 George S. Nutt, *chem*, to Grace C. Middleton, on Oct. 6, 1914, at Washington, D. C.
- ex-'13 Russell C. Rottger, *la*, to Florence M. Smith, *ex*-'14, on Nov. 21, 1914, at Oak Park.
- 1914 Stanley Bear Hadden, *me*, to Sylvia Renner, *hsc*-'14, on Dec. 31, 1914, at Urbana.
- 1914 Frank D. Shobe, *law*, to Adelaide Lohman, on Jan. 15, 1915, at Urbana.
- 1914 William Henry Clare, *arch*, to Claire Isabelle Champlin Unger, on Nov. 18, 1914, at Glen Ellyn.
- 1914 Robert Haymond Clarke, *ry ce*, to Erna Alvina Schreiber, on Nov. 12, 1914, at Elmhurst.
- 1914 Earl Clinton Williams, *ee*, to Irene Margaret Scoggin, on Jan. 2, 1915, at Gardner.
- 1914 Edward F. Torgerson, *ag*, to Helen Jackson, on Nov. 26, 1914, at Urbana.
- 1914 Catherine Plank, *hsc*, to Paul Kircher, *sci*-'11, on Oct. 28, 1914, at Chicago.
- 1914 Sylvia Renner, *hsc*, to Stanley Bear Hadden, on Dec. 31, 1914, at Urbana.
- ex-'14 Arthur R. Levis, *me*, to Frances Caroline Fecker, on Nov. 4, 1914, at Danville.
- ex-'14 Florence Smith, *hsc*, to Russell C. Rottger, *ex*-'13, on Nov. 21, 1914, at Oak Park.
- ex-'15 Eva M. L. Bowlus, *mus*, to D. K. Butt, on Dec. 15, 1914, at Michigan City, Ind.
- ex-'15 W. W. Hixon to Bernice L. Mench, on Dec. 13, 1914, at Urbana.
- ex-'16 Leota Smith, *la*, to Carl Stahl, *me*-'12, on Dec. 30, 1914, at Champaign.
- ex-'16 Nora J. Busey, *la*, to Clyde Elois, on Nov. 14, 1914, at Urbana.

BIRTHS

- 1899 To Lulu Woolsey (Hurst), *la*, and G. P. Hurst, on Nov. 22, 1914, a son, Markwood Clough.
- 1902 To Charles Wesley Malcolm, *ce*, and Catherine Mary Janson (Malcolm), on Nov. 13, 1914, a daughter, Catherine Portia.
- 1903 To Alta Stansbury (Sager), *lib*, and Fred Anson Sager, on Jan. 3, 1915, a daughter, Ellen Louise.
- 1904 To Smith T. Henry, *mse*, and Agnes McDougall (Henry), '05, on Dec. 11, 1914, a son, Stokes T.
- 1905 To Paschal Allen, *ag*, and Edith Hatch (Allen), *sci*-'11, on July 8, 1914, a son, Franklin Hatch.
- 1905 To Edgar W. Wagenseil, *me*, and Ruth Taylor (Wagenseil), on Oct. 26, 1914, a son, John W.
- 1905 To Alice McDougall (Henry), *la*, and Smith T. Henry, *mse*-'04, on Dec. 11, 1914, a son, Stokes T.
- 1906 To Paul E. Howe, *chem*, and Harriet Rinaker (Howe) M.A., on Aug. 19, 1914, a daughter, Clarissa Howe.

- 1906 To R. B. Dool, *ee*, and Hazel Mandeville (Dool), on Nov. 26, 1914, a son, John Hartman.
- 1906 To Arthur Francis Comstock, *ce*, and Marie Louise Mantor (Comstock) on Dec. 25, 1914, a son, William Edwin.
- 1907 To M. C. Stookey, *ce*, and Mildred Wilkinson (Stookey), on July 9, 1914, a daughter, Margaret Caroline.
- 1908 To E. M. D. Bracker, *ag*, and Ada Dinkleman (Bracker), on Sept. 8, 1914, a daughter, Charlotte Elizabeth.
- 1908 To Fritz Wagner Jr., *arch*, and Louise Shipman (Wagner), *la*, on Jan. 8, 1915, a daughter, Louise.
- 1910 To Hazel Mandeville (Dool), *hsc*, and R. B. Dool, *ee*-'06, on Nov. 26, 1914, a son, John Hartman.
- 1910 To Robert E. Hopkins and Lue Giles (Hopkins), on Sept. 30, 1914, a son, Edward Hopkins Jr.
- 1911 To Edith Hatch (Allen), *sci*, and Paschel Allen, *ag*-'05, on Jul. 8, 1914, a son, Franklin Hatch.
- 1911 To Florence Baxter (Snyder), *la* and A. E. Snyder, *ag*-'12, a daughter, Lillian.
- 1912 To A. E. Snyder, *ag*, and Florence Baxter (Snyder), *la*-'11, a daughter, Lillian.

DEATHS

- 1893 George W. Seaman, *me*, born Feb. 22, 1869, at Beardstown, died Aug. 1, 1914, at Mansfield, Ohio.
- 1904 Lorena Nell Webber, *lib*, born Aug. 31, 1879, died Dec. 25, 1914, at Boulder, Colo.
- 1908 John Prescott Butler, *la*, born Aug. 20, 1884, at Mishawaka, Ore., died Nov. 18, 1914, at Bovill, Idaho.
- 1909 Samuel Ross Wreath, *chem*, born Nov. 12, 1881, at Hilsdale, died Nov. 11, 1914, at Chicago.

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SAMUEL WALKER SHATTUCK

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VOLUME IX

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NUMBER 2

SAMUEL WALKER SHATTUCK

STEPHEN A. FORBES

[A biographical sketch of Professor Shattuck written by former President A. S. Draper was published in the *Quarterly* for January, 1909. Many of the facts in that article are repeated in this, but the points of view are dissimilar; in some respects the present article corrects, in other respects greatly amplifies, details of the earlier; much new information is included.]

After a long life, wholly devoted to the public service as soldier, college professor, and business manager of a great university, Captain S. W. Shattuck, formerly of the 6th Massachusetts and the 8th Vermont Infantry, died at Champaign, Illinois, February 13, 1915, when within five days of his seventy-fourth birthday.

Captain Shattuck was a soldier by inheritance and by family tradition and association. His father, grandfather, and great-grandfather were all officers in the colonial or the national armies. His great-grandfather, commissioned by King George III., was a staff officer at Cambridge when Washington took command in 1775, and his father and grandfather were in the American army during the War of 1812. Seven of the first sixteen captains of the second oldest military company in Massachusetts, organized in his native town of Groton in 1778, and still in existence there, bore the name of Shattuck. At the outbreak of the Civil War this was one of the companies of the famous 6th Massachusetts, the first to enter Washington in 1861, attacked *en route* by a mob in Baltimore, through which it fought its way with the loss of four killed and thirty-six wounded. Captain Shattuck's father, although nearly seventy years of age, was its lieutenant-colonel in 1861, and three of his sons were in the regiment under him.

Samuel Shattuck, twenty years old at the time, was professor of mathematics and military tactics in Norwich University, Vermont, but also sergeant-major of this regiment. Summoned by telegraph to join it for the march to Washington, he left for the front April 18, escorted to the train by a corps of his cadets, three days after President Lincoln's first call for troops. He was mustered into the national service at Washington, and served with his regiment in that neighborhood until the expiration of its three-months' term of enlistment, when he returned to

his college duties at Norwich, his teaching of military tactics no doubt made much more realistic by his brief experience at the front.

Persons in responsible public positions of this description are not easily spared even in time of civil war, and it was not until the strenuous recruiting campaign of 1863 summoned to the standard reinforcements by the hundred thousand that Professor Shattuck was again drawn into the Union army. This time it was in the 8th Vermont infantry, mustered in for "three years or during the war." At the date of his enlistment, July 22, this regiment was in Louisiana, recruiting after the fatigue and losses of the siege of Port Hudson, but recently ended, in which it had taken an active and important part. It remained in the vicinity of New Orleans until July 5, when it was transferred by sea to the Army of the Potomac, in Virginia.

Professor Shattuck had been made its adjutant October 20, 1863, and he held this rank during the famous Shenandoah campaign of September and October, 1864, which first revealed to the country Sheridan's military genius. Adjutant Shattuck shared with his regiment the desperate fighting of the battles of Winchester, Fisher's Hill, and Cedar Creek, in the last of which his horse was killed and he was himself severely wounded, but continued nevertheless with his command. In the first of these battles occurred a thrilling episode in which Lieutenant Shattuck played a conspicuous part. The first division of the 19th corps, to which the 8th Vermont belonged, was preceded in the movement against the rebel lines by the second division, a part of which pushed its charge so far in advance of the general line that it was enfiladed from both flanks by the rebel fire and driven back in great confusion through the advancing first division. The fight would have been lost then and there except for the steadiness of this division, which occupied as best it could the vacancy thus left, and held the rebel advance until Crook could come in with the 8th corps for a flank attack on the rebel left. Although ordered merely to hold its ground, when the 8th Vermont saw at their right the advancing lines of Crook, their colonel, Stephen Thomas, ordered a charge with the bayonet at the double quick. General officers present shouted "Halt; Lie down"; trying to restrain the movement; but suddenly a staff officer galloped forward from the right, pointing with his saber at the woods which concealed the enemy, and the regiment, followed presently by the 12th Connecticut, swept forward as one man in a charge which proved to be the turning point of the fight. When asked afterwards who the staff officer was that galloped to the front, Colonel Thomas replied that it was Adjutant Shattuck, and that the movement was made on his initiative, and against the orders of the corps commander. Its brilliant success was its ample justification.

A vacancy arising in the captaincy of Co. H of his regiment, Adjutant Shattuck was made captain of that company November 24, 1864; and

his colonel being at the time a brigade commander, he was detailed as assistant adjutant general of the second brigade. In this capacity he served also on the staffs of General Davis, of New York, General McMillan, of Indiana, and General Lewis Grant, of Vermont, returning to his regiment only to be mustered out with it June 28, 1865.

Captain Shattuck was, in fact, a soldier of the staff-officer type, and was little likely to be permitted to serve in the line with his regiment. Thorough, exact, resourceful, indefatigable, loyal, and unselfish to a degree, he was always ready to subordinate his own interests to the success of an enterprise, and to contribute to a common cause services for which some more conspicuous officer might derive the greater honor. It was in this same spirit also that he afterwards served the University of Illinois for nearly forty years as its principal financial officer, under the successive titles of business agent, business manager, and comptroller, but really the chief of staff to its president.

Captain Shattuck's military activities did not end with his discharge from the army, for, returning to his former place at Norwich as professor of mathematics and military tactics, he not only taught the military art to the students of his college, but he served his state as its inspector general, with the rank of colonel in the state militia; and when he came to Illinois in 1868 as a member of the first faculty of its state university, it was as assistant professor of mathematics, instructor in military tactics, and first commandant of the University corps of cadets. He was thus the actual founder of the military department of the University of Illinois, the students of which now constitute the largest university cadet corps in the world.

His service to his University in its business office and as head of its department of mathematics, has been amply acknowledged and fully reported elsewhere, and it will suffice here to say that it was of the highest order of usefulness. Put into a place where for many years he regularly met and dealt with every student and every member of the corps of instruction, he had an extraordinary opportunity to make his mark upon the standards and ideals of the institution when it was in its formative stage.

When his health began to fail in 1912 he was retired on a Carnegie pension. Painful and rapidly increasing disability were endured for the next three years with Christian patience and soldierly courage, and he died beloved and honored by all his colleagues and by hundreds of his former students scattered all over the world. His enduring monument is in the institutions of his country which he helped to preserve and strengthen, and in the great university into whose foundations he built the labors of a scholar, the principles of a high-grade man of business, and the ideals of a brave soldier and a gentleman of the old school.

THE UNIVERSITY LIBRARY AT A QUARTER MILLION VOLUMES

F. K. W. DRURY, '05

A "quarter million volumes" sounds like a considerable number of items. They take considerable shelf room—seven miles or so—and 600,000 cards to index them. But when the wide range of subjects is considered and the varied lines of instruction and research are divided into this collection, each department seems only to have begun to collect the material which it needs. The library dwarfs by reason of the vastness of its field.

All of agriculture, all of engineering, all of science and useful arts (except medicine, dentistry, and pharmacy, which have a separate library of 15,000 volumes in Chicago), all of literature and the humanities, all human knowledge in fact, save theology, must be represented in this library.

This is a broad field to cover. Specialization and concentration in thirty-five or fifty subjects make a large collection necessary. Nor will it do to compare Illinois with institutions which have no colleges of agriculture or engineering.

Neither has Illinois a group of large libraries close at hand upon whose resources the investigator may draw, as is the case with Chicago, Columbia, Harvard, Pennsylvania and others in or near large cities. Because of this wide range of interests and its isolation, the 300,000 volumes now at Illinois do not compare favorably with the equipment of other institutions nor with that needed for efficient instruction and research such as is expected of an institution offering much graduate work. Yet the recent attainment of the quarter million mark may serve as a convenient point at which to pause, survey the past, and mark the growth.

The Library was established at the very beginning of the institution. In 1867 the trustees bought 644 volumes with \$1000 appropriated for that purpose, and so important did this purchase seem that Regent Gregory made personal selection of them. But the Library's marked growth has been only during the last fifteen years. Until 1897 no amount appropriated for books was higher than \$1500 per annum. With the new building then erected the annual appropriation was made \$10,000, and this has been enlarged year by year through \$20,000 and \$25,000 appropriations until the serious and determined effort of the administration to make

this an important library has considerably increased that amount. The result has been a rapid increase in the size of the Library. Numbering 70,000 volumes in 1904, in 1914 this has been increased fourfold.

An important phase of this increase is not alone in the acquiring of books by purchase, but also in the development of a department of exchanges and gifts. A special assistant was appointed in 1907 to arrange for exchanges with learned societies and other institutions. The marked result was to increase the number of exchange items received from 41 in 1907 to 405 in 1908 after one year of work, and to 1748 in 1914. An important item here has been the exchange of doctor's dissertations, which in the case of German universities has brought great returns. Gifts likewise have increased through the systematic activity by the same department from 1500 in 1907 to 5300 in 1914.

Illinois has had no accumulation of past ages, few gifts of worthless or undesirable material, and of course has bought only the books that have been absolutely needed. Consequently its stock is alive and up to date; often indeed the historical aspects of a subject have been neglected while its technical and practical sides have been developed. Only time and continued active purchase can remedy such defects.

The manner of the rather uneven growth of the library can be easily understood when it is known that each department has had the selection of the books in its own subject. Limited funds have caused limited purchasing, and the books bought have been along the line of the study and research pursued by each department. Unequal development has been the result, but another is that Illinois has a practical working library bought with the present needs of the departments in mind.

Since the Graduate School was reorganized in 1906 a special effort has been made to develop certain fields for broad research, and appropriate library purchases have been encouraged by the administration. As a consequence of the use of Graduate School funds, a secondary method of development has been used which supplements the departmental method. Special appropriations have been made for purchases which cut across the main stream. Thus an appropriation for strengthening the library collection of biographies was supplementary to all departmental growth.

With the building of Lincoln hall in 1909, a new feature was developed which has given a marked impetus to the growth of special departments and subjects: the seminar and department library and librarian. In this building are housed six collections, selected from the general library, each in charge of a librarian trained in the special subject. At present these branch libraries contain deposits as follows: Education, philosophy and psychology, 21,000 volumes; classics, 35,000 volumes; modern languages, 19,400 volumes; English, 15,500 volumes; history and political science, 19,000 volumes; economics and sociology, 16,000 volumes. As might be expected, these departmental libraries, and the others on the

campus, like architecture, chemistry, and so on, which have a librarian in charge who is also a trained bibliographer, have been making noticeable progress in building up collections and in starting to round out the libraries in these subjects.

The architectural library reflects the personality of Professor N. C. Ricker. Throughout the years by careful selection and buying, he has built up a fine working library, strong in general architecture and construction, as might be expected from the man, but well developed also in history, decoration and ornament, and painting and sculpture. Mathematics has similarly been developed by successive members of the faculty, till the 3300 volumes cover all the main journals and a good proportion of the literature. Law has its separate library, with 18,500 volumes. Here will be found the reports of all courts of last resort of all the states, statutes and session laws of all the states, all reports of the appellate courts, all the published case law of the United States, all the Canadian reports except Quebec, and practically complete sets of the English and Irish reports. There is also a good collection of legal treatises, digests and citations.

Chemistry, with 500 volumes, has been developed in all fields—organic and inorganic, analytical, physical, industrial, and physiological—and with standard works and sets of periodicals. The departments of botany, geology and zoology have combined with the State Laboratory of Natural History to form one central library in these subjects. The State Laboratory is especially strong in entomology, with much attention given to fresh water animals and oligochaetes. In this zoology has also aided, though giving its main purchasing to the sets and journals which are so necessary. Geology has developed a good collection of local paleontology. Botany has featured the morphologic, pathologic, and physiologic sides, rather to the neglect of systematic botany, which is only now receiving attention. Physics, and railway and mining engineering, have each a selected library of 1000 volumes. Library science, with 3000 volumes, strengthened in 1905 with the Dziatzko¹ library of 500 items in library economy and paleography, features also its collection of library reports and bulletins.

Just as these branch libraries have divided into special groups, so the books ordered have been selected by the various departments of instruction. Being thus roughly classified by subject, it has been possible in placing the orders to select dealers who have specialized in certain subjects, such as mathematics, natural science, philosophy, etc. Such special dealers have helped greatly in securing out-of-print books which are so essential in rounding out the literature of a subject. Of course, books have been bought in every sort of way as best they might be secured: through book stores, library agents, second-hand dealers, direct with pub-

¹Karl Dziatzko, librarian of Göttingen University.

lishers, and so on. Large selections have been made from catalogs of second-hand books, and frequently a successful long-distance bid at a New York or Boston auction will add a prize to the library.

One of the most dramatic episodes in purchasing occurred several years ago when the German department wished the Bibliothek des literarischen vereins in Stuttgart, 1842-1905. Michigan had just purchased the last complete set made up and offered for sale at \$600 for the 250 volumes. The chance of getting a set soon looked very slim, especially as two other universities were trying for a set and had placed a prior order in the German second-hand market.

One morning in June a catalog from a New York auction house came in, advertising the library of a German who had lived in Hoboken, N. J. The usual turning of the leaves for chance items was richly rewarded this time when the first 188 volumes of this series—the rare part—was found listed for sale. Scarcely believing in this good fortune, and fearful lest others might see it, an order to bid up to \$2 a volume was sent to the library's agent. He attended the sale and with much satisfaction reported he had secured the run for 15 cents a volume. Including binding these 188 volumes cost only \$80. The remainder of the series was easily secured at second hand for \$90, and the entire set cost the university a total of \$170 instead of \$600 or more.

Interesting episodes such as this have occurred in the course of building up these sets of serials. Just now an agent writes that an important set cannot be delivered because it is in some harbor held by "die Mächte".

The book trade has been interrupted this past winter in common with all other business, but it is only with Germany and Austria that there has been anything more serious than mere delay. From them the only means of getting books and periodicals has been by mail, all the other lines of freight and express being almost entirely stopped. The French trade has been handicapped by the shortage in clerks, since so many have gone to the war. Periodicals in all countries, however, have kept up regular publication, but often in a greatly reduced size for each issue. The English trade has suffered the least and shipments both freight and mail have been about normal. Now is the time for the Library to strengthen its American and English resources.

An outstanding feature of the library as a whole is its collection of serials, covering not only periodicals, but annuals and reports. In 1911 a list of these was printed which ran to over 7000 titles. This material is the result of systematic effort covering a period of ten years in the sound belief that no important research in a subject can be carried on without access to its development as recorded in the accepted means of communication among scholars. It was in 1903 that the first money was

definitely assigned for the purchase of "sets", and these form a very significant part of the Library.

The general Library has also featured its reference and bibliographical work with the result of maintaining a working collection of the important tools in these two allied lines.

The purchase of the Dittenberger¹ library in 1907 and the Vahlen² library in 1913, together with 13,250 dissertations bought in 1914, has made the classics library one of the best working classical libraries in the Middle West. It is especially strong in epigraphy, history, and grammar, in editions of Greek and Latin authors, and in sets of classical journals.

The economics library has been built up along the lines of economic theory, history, labor, socialism, money and banking, public finance, commerce, transportation, and insurance. Its strength is shown in that it was selected as one of fourteen libraries to be represented in a check list on the economics of railway transportation.

Municipal documents have been collected with much energy and care. They comprise charters, council proceedings, ordinances, and reports of all important cities in the United States and in foreign countries, as well as city journals, and the publications of municipal leagues and civic clubs. The items run to over 3000 titles.

In addition to this, the political science department has developed a collection of state constitutional conventions of more than ordinary importance. The library also has important collections of the United States government documents, the British "blue books," the German Reichstag proceedings, the Spanish parliamentary papers, and other official documents.

A foundation of the development of an educational library was laid when the Aron³ library, containing 5000 volumes and 10,000 pamphlets, was purchased in 1913. Features of this collection are the original and early editions of Comenius, and the fundamental treatises of Pestalozzi and Froebel.

German language and literature was strengthened in 1908 by the gift of the Karsten⁴ library and in 1909 by the purchase of the Heyne⁵ library; while the romance languages were bolstered in 1912 by the purchase of the Gröber⁶ library. On the basis of these collections there is opportunity for work and study in philology and linguistics, which has been further enriched by the purchase of several hundred dictionaries of all languages, and special treatises.

¹Wilhelm Dittenberger, professor of classical philology in Halle University.

²Johannes Vahlen, professor in Berlin University.

³Dr. R. Aron, professor in Berlin University.

⁴Gustav E. Karsten, professor in Göttingen University.

⁵Moritz Heyne, professor in Göttingen University.

⁶Gustav Gröber, professor in Strassburg University.

A few representative groups in the modern languages are the nineteenth century German authors, the mystics typified by Jakob Boehme, and the mediæval French epic. Nevertheless only a beginning has been made in supplying the works in the German and French literatures themselves, while in the collection of the allied languages of Spanish, Italian, and Scandinavian the first move was authorized but a few years ago.

English literature covers a wide field from the Old English authors to the twentieth century. Concentration has been possible on the seventeenth and eighteenth century periodicals of which there are the original issues of the *Spectator*, the *Tatler*, and the *London Gazette* from 1665 to 1700; on English fiction prior to Sir Walter Scott; on Elizabethan and post-restoration drama; and on folk-lore.

History also has an extensive field with just a few periods represented to a reasonable degree, such as Prussian history. The systematic buying of serials has given this library a gratifying proportion of the 2000 in European history mentioned in the Richardson check list issued by the American historical association. The possession of such sets as the *Monumenta Germaniae Historica* and the publications of the Russian and French historical societies indicates some of the source material in continental history.

For English and medieval history sources have also been sought, such as the parliamentary journals and debates, the papers or "blue books" already mentioned, the various "Rolls series", and the many publishing societies, as the Camden, the Selden, the Surtees.

American history has been developed naturally for the West and Illinois, until there is now a representative collection of early western travel and rare eighteenth century items, including copies of manuscripts and original maps. Colonial history also has not been neglected.

Recent purchases in Latin American history have secured many standard legislative sets, and this large and important field in history and economics is being gleaned by systematic buying.

In agricultural literature, the Library has made a good start in collecting serials and reports, as well as in featuring the publications of the agricultural experiment stations, and the herd, flock and stud registers of pedigreed stock. With the opening of an agricultural reading room in 1913 a systematic growth may be expected in all these subjects. So far especial attention has been given to the study of soils, animal nutrition, and landscape gardening and horticulture.

Music and art are represented by works on the technique of the subjects—such books as would help in the actual instruction. Just now a library of organ music is being collected.

Mention should be made also of the collection of a representative file of newspapers. Back files such as the *London Times*, 1833 to date, and the *New York Tribune* from the beginning, are only part of a series

starting with the first newspapers of all: *Passages in Parliament* in 1644 and *Mercurius Aulicus* in 1642, and forming a chronological conspectus which presents a copy of a newspaper for each year since that early date, save only a few years in the early eighteenth century.

The collection of the publications of other colleges and universities is also very representative and of great use and interest. Incunabula are very sparsely represented, their presence being due more to accident in being found in the libraries bought than to any intent in purchasing them. Maps are also receiving attention after long neglect, and with special facilities for storing them, the library desires to beg or buy large numbers. Of interest in the present collection are the maps showing the explorations in the great northwest territory in the eighteenth century.

From all this it is evident that there has been built a story or two of a well rounded scholarly library structure. The foundation has been laid on which such a library can be erected. Even a half million volumes will not give a necessary equipment.

A university is not rated as such by the size and number of its buildings, nor by the charter-given privilege of granting advanced degrees, nor by the range of its instruction, be it from Babylonian inscriptions to the virus of smallpox. A university is judged by the completeness of its equipment of laboratory, library, and learned men.

The field of absolute knowledge may well fall within the range of the college. The university accepts this and works from known facts to unknown facts; until these new facts are either justified or denied by investigation and research.

The investigator must first of all plow his way through the present knowledge of his special subject, must orientate himself, and noting its trends and tendencies, must progress to the end he aims at. His tools for all this must be in the library, as it is through books, journals, digests, reports, bulletins, etc., that he picks his way; and woe to him who neglects to learn what others may have done before him. A large library therefore is an absolute indispensability to a large university. The collection at the University of Illinois has been and still is inadequate; only in a few lines does it approximate more than a primal working group of books. Therefore the growth must be rapid, more so than it is now, if the University of Illinois is ever to come abreast in library resources with other institutions of its class.

SAGAMORES OF THE ILLINI

VI—SAMUEL WESLEY STRATTON, '84

Life without standards would be an awkward thing. Rockefeller would not know whether his income per minute is fifty dollars or fifty cents; in fact he would be lucky if he knew income from outcome. A man could have a respiration like a donkey engine without exciting any comment. Universities could be run without exams, grades or degrees. A bushel basket might hold a peck of turnips or a barrel of bird-seed. A pair of steelyards might collapse under the strain of weighing a helping of sauer-kraut or refuse to budge for a wheelbarrow load of brick-bats.

The United States bureau of standards, of which Samuel Wesley Stratton is director, is the supreme court of weights and measures. Mr. Stratton is the only man in the United States who can stand up and truthfully say, "My scales are right." So precisely accurate are the balances in his laboratories that in comparison the brass scoop counter scales in the corner grocery weigh like a guilty conscience. He has thermometers so delicate that they go to pieces when the moon comes out, and others so sturdy that they could register the temperature of war itself. The good old store-keeper often throws in an extra prune for good measure, but there is no guess-work like this in the bureau of standards. Mr. Stratton would have the weight right if he had to add a few scruples of dust from the bin.

Samuel Wesley Stratton was born in Litchfield, Illinois, July 18, 1861. Litchfield is noted more for its flour, threshing machines and cider than for great men. Samuel therefore had little competition, and there was really no excuse for anything but a luminous career for this young man. He attended the Litchfield high school, and in 1880 came to the University of Illinois as a prep.

Just why the cellar always was a nursery for great men has never been explained. All one can do is to point mutely to Stratton, G. Huff, Tommy Clark, Mike Tobin, and such, all of whom were preps. Few who have loitered within the Academy's grottos have been content to be anybody but Number 1.

Samuel's connection with prep did not last long, for he belonged to Philomathean, and its motto was, Come Up Higher. Up from the depths he climbed and became a genuine 'rah-'rah. His student life was neither head and shoulders above the crowd nor lost in the grass beneath. He took kindly to military activities, and in his senior year was made



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captain of Company C. A. N. Abbott was first sergeant. Samuel's war training did not desert him in after years, for in '98 he was a lieutenant in the United States navy during the Spanish war. This activity was of course only incidental, as his life work was to be the settling of differences by rule and measure instead of by powder and lead.

In 1884 he graduated from the University, receiving a certificate, and in the following year was granted the degree of B.S. in mechanical engineering. The graduating exercises were dignified by twelve orations. A ladies' trio sang "With Sighs, Sweet Rose." Samuel's thesis subject was, "A Design for a Helio-stat." The instrument looked something like a combination shaving mirror and alarm clock and was expected, of course, to perform the feat of looking the sun in the eye, a day at a look.

After his graduation he stayed on at the University as instructor in mathematics, and later as professor of physics. His chief diversion seems to have been photography. To own a camera then was as distinctive as not to own one now. Samuel photographed all of the buildings, and was a pioneer in taking interior views. He offered a set of these as a prize for a wheelbarrow race winner at one of the early interscholastic meets.

Professor Stratton left Illinois in 1892 and went to the University of Chicago. There he remained as professor of physics until 1901, in which year the national bureau of standards at Washington was formed. He became its first director, and has been directing it ever since.

The bureau occupies a group of buildings on a high hill in the north-west part of Washington, about three and a half miles from the White House, and is sufficiently aloof from the world's chatter and vibration to insure undisturbed investigation. Here is kept the standard kilogram, from which all weights are derived. It is a homely looking chunk of metal such as an old-iron man would throw in the back of his wagon; but it is kept under double glass jars in a vault. A burglar, even could he be convinced that the chunk is worth stealing, would faint after a look at the walls to be penetrated. All kinds of scale weights are kept in storage, down to specks weighing but $1/600,000$ th of an ounce, and so tiny that a household science graduate searching for dust atoms would completely overlook it. No one is allowed to touch these weights, for who knows what might be lurking on a finger tip? Some of the scales are so high-strung that the heat of a man's body throws them into a panic. To weigh with them at all one must stay in an adjoining room, operate the mechanism with long rods, and read the scale through a telescope.

The buildings are full of other particular instruments and standards of weights and measures. All exist for the primary purpose of inducing and compelling scales and measures to lead straight and upright lives. An investigation a couple of years ago showed that 44 out of every 100 scales in the United States were inaccurate, either unintentionally so or with the hearty though inconspicuous cooperation of the owners. Half

of the dry measures and a fourth of the liquid measures were found to be suffering from stunted growth. Thousands of them have been burned at the stake; pictures of great bon-fires of short measures frequently appear in the magazines. Twenty-four states and most of the large cities of the country now have inspection systems for weights and measures. Almost everything except Professor Emerton's collection of spiders and the continued cold weather in Arkansas come under the supervision of the bureau of standards. The time may be not far off when the national boat-rockers will have to undergo tests.

Mr. Stratton, Sam Stratton, etc., are everyday and second-best names. On elect occasions he answers to the call of Doctor. Illinois conferred D.Eng. on him in 1903, and the Western University of Pennsylvania and University of Cambridge in 1903 and 1908. He belongs to a half dozen scientific societies, the Cosmos club, Chevy Chase club and Quadrangle club. He is unmarried.

In the annals of alumni activities Mr. Stratton's name appeared on the programs in '87 as the gentleman having charge of alumni headquarters in Dr. Burrill's rooms. He was also chairman of the banquet committee—tickets, \$2.25 a plate— and supervised the excursion rates.

Samuel evidently has little time for his own humoring. What with settling the standard measurements of hay and hickory nuts, gooseberries and ginseng, terrapins and turpentine, cheese and corn on the cob, cucumbers and currants, and defining the status of ice-wagon drivers, he has no time for frivolities. He must decide what constitutes a barrel of ashes, a bottle of milk, a dish of ice cream, a quart of huckleberries, and a furlong of drain tile. Is it any wonder that seven and a half acres of buildings have been erected around him?

FACTS AND ENROLLMENT FIGURES

VERGIL V. PHELPS

Various publications, especially *Science*, have printed statistics in regard to the enrollment of leading American Universities. These have included, in most cases, students who have registered for afternoon and Saturday classes on the same basis as other students, and consequently the significance of the figures is minimized. Thus the University of Pennsylvania is classed as fifth among American institutions in the latest article in *Science* although 1426 of the total are night and Saturday students. Similarly New York University is ranked as eighth, although four-fifths of the students in the department of commerce are registered in classes that come after 4 P. M. The University of Chicago is given fifth place, including 892 who registered for evening and Saturday classes and 3983 in the summer quarter, although as an actual fact the University of Chicago has half the number of students at any one time on its campus (except in the summer) that can be found on the campus of the University of Illinois which is ranked tenth. Some institutions offer short courses of as long as five months and students so enrolled are as much entitled to be included in the total enrollment for the year as those of another institution that includes students who are in residence for one term or quarter only.

There can be no objection to including in the enrollment of any university all of the students who have been associated with it in any way in the course of a year, but when such statistics are compared with those of other institutions the facts should be carefully stated and all comparisons made on as nearly an equal basis as possible.

In compiling the following statistics of the forty-five largest institutions of the United States, as at Nov. 1, 1914, an effort has been made to place them upon the same basis and also to indicate the entrance requirements of the different departments. The enrollment of undergraduate students includes only those who have met the fifteen unit standard entrance requirements and excludes departments requiring over two years of college work, as well as professional schools of law, medicine, dentistry, theology, and veterinary science.

These tables indicate that the University of Illinois ranks third in the total number of undergraduate men students, being surpassed only by Cornell and the University of Michigan; fourth in the total of men students, being surpassed only by Michigan, Harvard, and Cornell in the order named; fourth in the total of students (excluding the summer session of 1914) being surpassed only by Columbia, Michigan, and California; and eighth in the total number of students including the summer

session, being surpassed by Columbia, California, Wisconsin, Michigan, Chicago, Harvard, and Cornell in the order named.

In numerical ranking the University of Illinois is fourth in engineering, being surpassed by Purdue, Cornell, and Michigan; third in agriculture, the leaders being Cornell and Pennsylvania State; third in household science (Iowa State and Simmons coming first and second); and first in architecture.

The enrollment of the University of Illinois on February 22, 1915 was 6004, exclusive of all duplications and all short course and extension students.

I. UNDERGRADUATE MEN STUDENTS

Cornell	3764	Penn State	2149	Kansas	1276
Michigan	3281	New York	2059	Washington ¹	1226
Illinois	3212	Purdue	1995	Columbia ²	1142
Wisconsin	2849	Minnesota	1758	Stanford	1081
California	2724	Iowa	1706	Chicago	1054
Yale	2539	Missouri	1582	Texas	1045
Harvard	2473	Princeton	1409	Pittsburgh	991
Ohio	2422	Nebraska	1931	Northwestern	896
Pennsylvania	2280				

II. UNDERGRADUATE WOMEN

California	1905	Washington	1043	Missouri	744
Smith	1636	Chicago	1035	Pittsburg	741
Wellesley	1430	Nebraska	925	Kansas	726
Hunter's ³	1377	Illinois	891	Columbia ⁴	689
Wisconsin	1296	Ohio	883	Texas	634
Minnesota	1180	Iowa	797	Cornell	514
Vassar	1120	Michigan	793	Harvard (Radcliffe)	429
		Northwestern	809		

¹State University of Washington.

²Including those with 2 years preparation, 2088.

³Normal College of the city of New York.

⁴Including those with 2 years college preparation, 2142.

III. TOTAL UNDERGRADUATES

California	4629	Iowa	2503	Columbia ³	1831
Cornell	4278	Yale	2472	Pittsburgh	1732
Wisconsin	4118	Pennsylvania	2399	Northwestern	1707
Michigan	4074	New York	2337	Texas	1679
Illinois	4073	Washington	2273	Smith	1636
Ohio	3305	Nebraska	2266	Stanford	1513
Syracuse ¹	3238	Penn State	2245	College City N. Y.	1458
Minnesota	2938	Iowa State ² (1913)	2225	Indiana	1473
Harvard (and Radcliffe)	2902	Kansas	2202	Wellesley	1430
Missouri	2586	Purdue	2180	Michigan Agr.	1263
		Chicago	2089		

¹15 units are not required by Syracuse for all of these.

²Iowa State College of Agriculture and Mechanic Arts.

³Including those with 2 years college preparation, 4230.

IV. GRADUATES AND PROFESSIONAL, including traditional colleges of law, medicine, dentistry, pharmacy, graduate school, and the departments requiring more than two years of college work

<i>Men</i>	<i>Women</i>	<i>TOTAL</i>
Columbia 2941	Columbia 1980	Columbia 4921
Harvard 2060	New York 510	Harvard 2152
Pennsylvania 1760	California 316	Pennsylvania 1936
Michigan 1455	Northwestern 572	New York 1885
Northwestern 1766	Chicago 256	Northwestern 1577
New York 1375	Kansas 185	Michigan 1563
Illinois 939	Pennsylvania 176	Chicago 1163
Chicago 907	Wisconsin 160	Illinois 1072
Minnesota 856	Illinois 133	California 951
Missouri 834	Washington 120	Minnesota 962
Cornell 755	Michigan 108	Missouri 951
Pittsburgh 721	Minnesota 106	Cornell 796
California 635	Yale 75	Pittsburgh 746
Wisconsin 596	Texas 75	Texas 666
Texas 591	Ohio 66	
Yale 588	Nebraska 59	
Nebraska 405		
Kansas 373		

V. TOTAL MEN AND WOMEN, Undergraduate, Graduate, and Professional

<i>Men</i>	<i>Women</i>
Michigan 4736	Columbia 2669
Harvard 4533	California 2221
Cornell 4519	Smith 1638
Illinois 4147	Wellesley 1480
Columbia 4083	Wisconsin 1429
Pennsylvania 4040	Northwestern 1381
Wisconsin 3445	Minnesota 1311
Ohio 3438	Chicago 1291
New York 3434	Simmons 1141
California 3379	Vassar 1120
Northwestern 2662	Illinois 994
Minnesota 2614	Nebraska 994
Missouri 2175	Ohio 949
Purdue 2134	Michigan 901
Chicago 1961	
Nebraska 1736	
Pittsburgh 1712	
Texas 1636	

VI. GRAND TOTAL, excluding short course, part time, night and Saturday students, as at November 1, 1914. †Duplicates not excluded

Columbia	6752	Syracuse†	3617	Pittsburg†	2258
Michigan	5637	Yale	3135	Stanford	1893
California	5600	Missouri	3036	Mass. Tech.....	1816
Illinois	5141	Chicago	3006	Indiana	1799
Cornell†	5060	Nebraska	2730	Smith	1638
Harvard (incl. Rad-cliffe)	5054	Washington	2598	Princeton	1595
Wisconsin	4874	Iowa	2449	College City, N. Y..	1458
Ohio	4387	S. California.....	2276	Wellesley	1452
Pennsylvania	4335	Penn State.....	2245	Oberlin	1427
New York (see VIII note 1).....	4222	Kansas†	2560	Hunter's, N. Y.....	1377
Northwestern†	4043	Purdue†	2324	Johns Hopkins.....	1315
Minnesota†	3925	Iowa State (1913)...	2090	Simmons	1141
		Texas†	2345	Vassar	1120

†Duplicates not excluded.

VII. SUMMER SESSION, 1914

Columbia	6560	Cornell	1436	Washington	917
Chicago	3983	Tulane	1140	Harvard	906
California	3179	Pennsylvania	989	Indiana	892
Wisconsin	2602	Ohio	948	Missouri	873
Michigan	1594	Illinois	938	Minnesota	867
Texas	1497	New York.....	938	Penn State.....	814

VIII. GRAND TOTAL, including Summer Session, but excluding all duplicates and short course, part time, night and Saturday students at Nov. 1, 1915. Special or non-matriculated students who have not met entrance requirements are given in parentheses.

This classification also includes students who have been in residence for one semester only. For example the University of California in its catalog distinguishes the number of students in residence for one semester and for both semesters. Of the total, 8232 in residence, registered in 1913-4, duplicates included, 5321 were registered for the first semester only and 5091 were registered for the second semester only.

Columbia* (1390).....	11294	New York* ¹ (1039)	4987	Indiana	2163
California (?).....	8180	Washington* (349)	3646	Stanford	1892
Wisconsin (411).....	6996	Missouri (?).....	3552	Tulane (?).....	1882
Michigan (303).....	6319	Texas*† (196).....	3842	Michigan Agr. (?)..	1702
Chicago (636).....	6250	Yale* (26).....	3144	Princeton* (46).....	1641
Harvard*† (289).....	5960	Nebraska (394).....	3076	Smith	1638
Cornell† (?).....	5808	Penn State† (?).....	3059	Oberlin* (11).....	1568
Illinois* (329).....	5664	Kansas† (?).....	2650	Cincinnati (?).....	1529
Pennsylvania (281)	5324	S. California* (188)	2649	Johns Hopkins* (75)	1446
Ohio* (190).....	4938	Purdue† (?).....	2601	College of City of N. Y. (?).....	1458
Minnesota*† (120) ..	4792	Iowa (?)	2449		
Northwestern† (?) ..	4288	Iowa State* (369) ..	2242		
Syracuse† (607).....	3913	Pittsburg† (363).....	2258		

*Indicates figures for the present year; otherwise special or non-matriculated students are those given in the enrollment of 1913-14.

†Duplicates have not been excluded.

¹Of the 1267 students in commerce four-fifths are in classes coming after 4 p. m.

GRADUATE AND PROFESSIONAL SCHOOLS

The requirements for entrance to the various departments or colleges are indicated as follows, the institution with the highest entrance requirements being placed first, rather than the one with the largest enrollment.

¹One year college work

²2 years college work

³3 years college work

⁴4 years college work

⁵15 entrance units

⁶Less than 15 units entrance requirements

Several institutions below are in process of raising their entrance requirements and the enrollment includes students who have not met the full standard enumerated.

MEDICINE

Johns Hopkins ⁴	361	pathic medical col-	Iowa ²	144
Harvard ⁴	320	lege with one year	California ²	128
Western Reserve ³ ...	158	requirement)	New York ¹	364
Cornell ⁴	151	Illinois ²	Tulane ¹	343
Columbia ²	358	Minnesota ²	Ohio ¹	281
Pennsylvania ²	306	Chicago ²	Texas ¹	187
Michigan ² (includ-		Northwestern ²	Southern Calif. ³	131
ing 74 in homeo-		Indiana ²		

LAW

Harvard ⁴	727	Chicago ²	213	Northwestern ¹	336
Pittsburg ⁴	156	Ohio ² (College de-		Nebraska ¹	191
Columbia ³	440	gree after 1915)....	206	Kansas ¹	142
Leland Stanford ³	177	Minnesota ²	171	Illinois ¹	112
Yale ³	129	Wisconsin ²	168	Southern Calif. ³	503
Pennsylvania ² (Col-		California ²	193	Virginia ⁵	256
lege degree after		Michigan ¹	499	Syracuse ⁵	255
1915)	356	Texas ¹	343	Cornell ⁵	235

DENTISTRY

(All require 15 units)

Pennsylvania	663	Minnesota	250	Ohio	126
Northwestern	528	Pittsburg	228	California	112
Michigan	318	Harvard	201	Illinois	84
Iowa	302	Southern California	189		

PHARMACY

(All require 15 units)

Columbia	495	Ohio	72	Illinois (192 only ⁶)..	199
Michigan	110	Kansas	64	Pittsburg ⁶ (1 yr. H.	
Minnesota	97	Washington	61	Sch.)	200
Northwestern	74	Purdue	54	California ⁶	95

VETERINARY MEDICINE

Cornell ⁵	116	New York ⁵	15	Pennsylvania (2	
Iowa State ⁵	77	Ohio ⁶	182	yrs.)	122
Michigan Ag. Coll. ⁵ ..	30				

THEOLOGICAL SCHOOLS

Including only those associated with the larger institutions⁴

Northwestern	216	Yale	104	Harvard	62
Chicago	152	Oberlin	65		

GRADUATE SCHOOLS

Columbia	1229	Yale	352	Ohio	165
Chicago	598	Illinois	340	Washington	148
Harvard	507	Cornell	321	Purdue	139
California	502	Michigan	258	Missouri	138
Pennsylvania	489	Nebraska	191	Syracuse	130
Wisconsin	540	Princeton	175	Northwestern	107
New York	396	Minnesota	168	Kansas	104

SCHOOLS OF EDUCATION

California ³	355	Missouri ²	189	Texas ⁵	412
Columbia ²	1817	Kansas ²	154	Iowa ³	300
Hunter's N. Y. ²	1377	Pittsburg ⁵	657	Chicago ³	262
New York ²	434	Syracuse ⁵	451	Indiana ⁵	210

OTHER DEPARTMENTS⁵

LITERATURE AND ARTS

California	3091	Columbia	1703	Missouri	1391
Michigan	2582	Minnesota	1697	Syracuse	1330
Harvard (inc. Radcliffe)	3076	Yale	1437		
		Princeton	1409		

SCIENCE⁵

Columbia ⁴ (including Mines, Engineering and Chemistry)	461	Yale	1052	New York	439
		Wisconsin	846	Illinois	417
		Kansas	626	Syracuse	300
		California	763	Penn State	163
		College City N. Y. ...	491		

LITERATURE AND ARTS INCLUDING SCIENCE⁵

California	3854	Wisconsin	1717	Kansas	1402
Michigan	2582	Chicago	1657	Cornell	1205
Yale	2489	Syracuse	1630	Northwestern	1175
Harvard	2473	Missouri	1591	Illinois	1139
Columbia	2194	Texas	1411	Washington	1123
Minnesota	1832	Princeton	1409	Stanford	1090

ENGINEERING*⁵

Missouri ²	361	Penn State	845	Kansas	427
Purdue (55 are P. grad.)	1382	Wisconsin	818	Minnesota	389
Cornell	1363	Iowa State College	650	Pittsburg	303
Michigan	1347	Pennsylvania	589	Nebraska	296
Illinois	1221	Michigan A. Coll.	514	Texas	268
Mass. Inst. of Tech.	1028	Washington	499	New York	252
Ohio	850	Cincinnati	458	Iowa	240
		Leland Stanford	418	Texas Agr. Coll. ⁶	377

*Architecture excluded.

AGRICULTURE

Cornell	1553	Wisconsin	734	California	540
Pennsylvania State..	988	Missouri	636	Minnesota	339
Illinois	959	Michigan Ag. Coll..	630	Nebraska	237
Iowa State.....	954	Purdue	595	Texas Agr. Coll. ⁶ ...	508
Ohio	921				

HOUSEHOLD SCIENCE⁵

Iowa State.....	446	Wisconsin	264	Nebraska	163
Simmons	435	Washington	243	Texas	127
Illinois	333	Ohio	230		
Michigan Ag. Coll..	314	Purdue	185		

AGRICULTURE⁵

Harvard ⁴	74	California (16 P. grad.)	161	Columbia	110
Illinois	358	Cornell	157	Minnesota	64
Pennsylvania	273	Michigan	145	Texas	60
Mass. Inst. Tech....	157				

MUSIC⁵

Oberlin	390	Texas	80	Yale ⁶	82
Northwestern	295	Illinois	68	Pennsylvania ⁶	32
Indiana	100	Michigan Agr.....	39		
Wisconsin	84	Kansas ⁶	95		

ART⁶

Nebraska	67	Tulane	53	of Fine Arts, in-	
Indiana	59	Yale	35	cluding Architec-	
California	241	Syracuse—1135 stu-		ture, Music, Paint-	
Southern California	55	dents in the Dept.		ing, and Oratory.	

COMMERCE⁵

Harvard ⁴	154	New York (4½ of the classes come after 4:00 P. M. or nights; students therefore are not giving full time to this work) 1267	Pittsburg	195
Pennsylvania	916		Chicago (1913).....	170
Northwestern	645		Nebraska	150
Wisconsin	460		Michigan Ag.....	138
Illinois	376		Washington	126
Iowa	300			
California	279			

JOURNALISM⁵

Missouri ²	76	Columbia	136	Wisconsin	101
New York.....	137	Washington	107	Indiana	67

LIBRARY⁵

Illinois ⁴	46	with fewer re-	Syracuse	65
Wisconsin ² (includes shorter course		quirements)		
		Simmons		

FOREST⁵

Yale ⁴	28	Michigan Ag. Coll..	54	Nebraska	43
Syracuse	242	Ohio	45	Minnesota	37
Washington	66	Penn State.....	44		

SCHOOLS FOR NURSES

Northwestern	110	Texas	43	Kansas	11
Iowa	91	Minnesota	15		

Simmons College has 309 students specializing in secretarial work; Wisconsin 2 students in the course in public health⁴; Ohio State 9 students in optometry.

The enrollment of late afternoon, night and Saturday classes in the various institutions is as follows:

Pennsylvania	1426	which should prob-	Pittsburg	475
New York (about		ably be added part	Johns Hopkins.....	109
4½ of the students		of 1039 specials)..	Minnesota	120
in the Department		Chicago	Washington	113
of Commerce to		Cincinnati		
				679

HOW THE STUDENTS ARE FED

THOMAS ARKLE CLARK, '90

What one eats more often than otherwise determines what one is. Perhaps those members of the faculty who are seriously interested in raising the general scholastic standing of students would be more successful if they could bring about an improvement in the present boarding situation.

Thirty or thirty-five years ago, when the University was really isolated from the rest of the community and the University buildings were separated from the adjacent towns by a wide expanse of prairie land or corn fields, the problem of feeding the students was solved in a very different way from what it now is. In those days the students for the most part lived at some distance from the campus, choosing their lodgings often in the more attractive part of Champaign about the park or on West Hill street, or going over to Urbana where the better class of citizens lived near the business district. No matter where the student lodged, however, even though it might be two miles from University Hall, he still got his meals in one or another of the boarding houses which clustered close about the campus.

These boarding houses were run in much the same general way as are those with which we are familiar today, but the women who ran them seemed almost a part of the institution, and were held often in the greatest respect by all classes of citizens. They took the keenest personal interest in students and gave many of the comforts and kindnesses of home for the \$2.25 or \$2.50 a week which the undergraduate handed over for his board. Some of these sensible and level-headed women did quite as much in the training and disciplining of the raw fellows who came up from the various parts of the state to the State University to

be educated as did the men who were in the regular faculty. Some of the early boarding clubs were in a small way educational institutions in themselves. The names of the Layton club on East White street, the Higgenbotham club at the northeast corner of Wright street and University avenue, the Crane club at 405 south Wright street, formerly run as the Meneeley club, and still earlier as the Titus club, the Washington club which stood on the present site of the University Place Christian church, and the never-to-be-forgotten Chase club, which was situated on the site of the tennis courts just across from the gymnasium, will all recall memories of their undergraduate days to those students who were in attendance at the University before 1895. When the history of the University is written Mrs. Sarah Chase and Mrs. Martha Higgenbotham should have mention, for they did much while contributing to the physical needs of students, to direct student sentiment, and to cultivate student ideals. Mrs. Chase conducted a boarding house in the same building for twenty-seven years and saw come and go many generations of students who always spoke of her with respect and remembered her with the highest regard.

The hours for meals, or at least the hour for the evening meal, has also in recent years changed. In the early days dinner was eaten at noon, and supper was served at half-past five. The reason for this is quite apparent. Military drill, then as now, occurred from four to five with no running over time in the spring. Since most of the students lived a distance somewhat remote from the campus and yet took their meals at one or another of the boarding houses near the grounds, it was best that they eat as soon as they were dismissed from drill. It was an old familiar sight to see the cadets at five o'clock loosed from the restrictions of drill running at full speed toward the boarding houses. After the evening meal, which was usually a simple one, was over they walked leisurely toward their lodging places. There was one advantage in this procedure, and that was that they were free to begin study somewhat earlier than they now are, and since there were then few urban allurements there was little excuse for not getting out the books.

As the University developed and the two towns gradually built up about the campus customs began to change. Gradually students left their old lodging places and began to crowd about the campus. In time the facilities for lodging students near the campus became adequate, and the old lodging houses were deserted. There is a story told of a member of the Class of 1892. In his undergraduate days all the swells lived on West University avenue, or West Hill or West Church streets in Champaign. When his younger brother was starting off to college in 1903 Charles said: "Now, Alexander, don't make the mistake of getting a room near the University. If you want to make a good social start, get a room on West Hill street near the Presbyterian church, where the better class of students live. Keep away from the East Side." Alexander fol-

lowed directions to the letter, and before he had been in town an hour he had a room engaged for the year on West Hill street. He waked up later to find that there was not another student within a mile of him and that all the better class of students were living on the once despised East Side.

With the beginning of the development of fraternities and sororities about the University in the late nineties, each living and boarding in its own house, a change came in the boarding situation. At the present time fully sixty organizations live in their own houses rented or owned by them, and eat at their own tables. Counting the members and the outside students who are employed by these organizations and who get their meals in part or complete payment for their services, it is not unlikely that 1600 students have their meals furnished in these houses. The price of meals in these student organizations, in harmony with the rise of the price of living in other lines, has now doubled, and ranges from \$4.50 to \$5 a week. It is only fair to say, however, that the quality both of the food served and of the service itself is unmeasurably better than it once was and better than at other boarding places about the campus. The skill which many of the undergraduate house managers show in the conduct of their tables is only another tribute to the versatility of students.

During the last two years the office of the Dean of Men has conducted some investigations with regard to present lodging and boarding conditions which may prove interesting. The facts were gathered not from hearsay, but from an experience of a month or six weeks spent in visiting the boarding houses, lunch counters and cafeterias, and in risking the life of the investigator as he ate from one bill of fare after another. His reports I shall utilize in the narrative as if they were personal experiences. I shall not discuss further the boarding situation at the fraternity and sorority houses, which as I have previously said is on the whole excellent, excepting to say, perhaps, that these organizations have at times considerably aroused the opposition of the local inhabitants of the Twin Cities who are looking for cooks and house maids, because of the extravagant prices which fraternities are willing to pay to anyone, male or female, who has demonstrated the fact that he or she can cook and serve an appetizing meal. It is not unusual for these organizations to pay their cooks from ten to fifteen or even more dollars a week, and so naturally good cooks are at a premium, and those private citizens who can not afford to pay the price are privileged to do their own cooking.

The present rate for meals about the campus varies from \$4 to \$5 a week, the common rate being \$4.50. There are three classes of places where these meals may be secured, the regular boarding house run by a private individual with a student commissary where three meals a day are served, the cafeteria and short order restaurant, and the quick lunch counter. Some of these latter like "Tite-Wads" on Mathews avenue, Urbana, "Kirks" on Goodwin avenue, Urbana, "The Cave" on Green

street, Champaign, and "Zeke and Dykes" on Sixth street, Champaign, have become almost historic. Other smaller and newer ones have grown up about the campus and attract a reasonable patronage.

Granted that at any one time there are 4000 students boarding about the campus and not living in their own homes, the investigation showed that these were distributed in about the following manner. Approximately sixteen hundred are provided for in fraternity houses and other organizations which eat at their own tables; one thousand eat at the ordinary boarding clubs; three hundred patronize restaurants; four hundred and fifty eat at cafeterias; five hundred take their meals at the high stool quick lunch refectories, and only fifty, or slightly more than one per cent of the total get their own meals. In the old days it was quite the common thing for students to prepare their own meals, but in these days the undergraduate seems to prefer to eat less frequently or not to eat at all rather than to stir up his own breakfast food or be his own scullery maid.

One interesting fact was discovered with regard to the number of meals a day eaten by each student. Of course when a student is eating at a fraternity table or at a regular boarding house where he must pay for three meals a day, whether he eats that many or not, he is quite likely to argue that it is up to him to be on hand to eat what he pays for, but if he is meeting his gastronomic running expenses by means of a meal ticket which is punched only when he eats, he may view the matter of eating in an altogether different light. Among the nomads who wander from one cafeteria or lunch counter to another, eating when and where they please, it was discovered that only about two-thirds of these ate more than two meals a day. So great is the demand becoming for concessions to those students who eat but two meals that many of the boarding clubs which have never before done so are now offering a two-meals-a-day rate. If a student omits one meal a day, it is almost invariably breakfast.

The reasons offered for eating only two meals a day are various and interesting. Some fellows claim that they have no desire to eat oftener, a rather larger number urge economy, claiming that one gets proportionately more for his money by this method, but the very large majority offer as an excuse for cutting out the breakfast the fact that they prefer to sleep a little longer in the morning rather than to get up for breakfast before an eight o'clock. There are those also, who are uncharitable enough to say that the man who restricts himself to only two meals a day in order to save money, usually drops the money thus saved into the hands of the manager of the Orpheum theatre, or squanders it for some other light amusement.

Of all boarders the freshman is most likely to change. The very fact, perhaps, that he is for the first time in a position to choose his own boarding place and can object to the food without being called down, makes him hard to please and eager to try new pastures. A boarding

house made up largely of freshmen is not likely to flourish through more than one semester.

There is a general impression extant that any woman whose husband dies, goes out of business, or retires from farming can pick up an easy living running a boarding house in a college community. A study of the boarding houses in and about the student district will lead one to the conclusion that it is a very difficult matter to run a boarding house well, and that few of the women who are trying it are solving the difficulty either to their own satisfaction or to the satisfaction of those whom they serve. As has been said, the price of board at the several houses varies from \$4 to \$5 a week for twenty-one meals. The lower rates are, however, not necessarily the cheaper. At some of the four dollar places the menus offer little or no variety from week to week and the food is doled out so scantily that it would be difficult for a hearty eater to be satisfied. Often, too, the service is careless and sloppy and the tableware and linen are not clean. If one is not fastidious and if his appetite is easily appeased, he may get on comfortably at the cheaper places.

One place visited,—and here the rate was \$4.50,—was worth all that it cost. The landlady storms about a good deal, but the quality and quantity of food which she served suggested that she was keeping boarders for the fun of it. The linen was clean, and everything was served in genuine old-fashioned country style. There was always plenty of food on the tables and plenty more in the kitchen if one wanted it. The fallows acted perfectly at home—complaining of the food and demanding two pieces of pie and getting them. If anyone went away hungry it was not the fault of the landlady. Such places, however, are rare about the campus. As a rule the managers of the boarding houses are untrained and know little of foods and food values. Their menus show little variety and follow a monotonous recurrence of the same heavy unappetizing things, from day to day and from week to week throughout the college year. The boarder who found any material variation from the regulation Sunday dinner or Friday lunch would receive a shock from which it would be difficult soon to recover. The boarders come in time to learn the order of the procession of breaded lamb chops, roast pork, and roast beef, as they learn how their various instructors call the roll at recitations. Most landladies, also, pay very little attention to the appearance of their tables. The linen is changed at certain seasons only, no matter what calamities of overturned coffee cups or dripping gravy bowls may have occurred. "Come over to dinner to-night," one student was heard to say to another, "we change the table cloth this evening and I feel like celebrating."

The bills of fare might be interesting though in many cases they suggest inadequately the real character of the meal. I give a few luncheon and dinner menus to illustrate what one may ordinarily expect. Luncheon: 1. Veal loaf, beets, French fried potatoes, sauerkraut, blackberry

jam, doughnuts, coffee; 2. Pork chops, mashed potatoes, rice, doughnuts, apple sauce, coffee; 3. Pork, potatoes (skins on), baked apples, coffee; 4. Sausage, fried potatoes, muffins, pie, coffee; 5. Vegetable soup, pork steak, mashed potatoes, celery, corn, canned pineapple, cake, tea. Dinner: 1. Pork chops, fried potatoes, cranberries, bread, oleomargarine, coffee; 2. Cold ham, fried potatoes, preserved figs, pie, cocoa; 3. Soup, roast beef, mashed potatoes, corn, chocolate pie, coffee; 4. Roast pork, mashed potatoes, macaroni, tomatoes, apple cobbler, tea; 5. Ham sausage, fried potatoes, macaroni, cheese, blackberries, cake, tea. The prevalence of fried potatoes and pork in various forms is worth noting.

One condition that materially increases the cost of living at the boarding houses is the large free lists which the managers of these houses carry. One woman had seventeen boarders and six people on her free list besides her family of four. Her meals were no better than could be expected after one knew the circumstances. Another woman conducts a boarding house where she usually feeds from eighteen to twenty people regularly. She employs a man and woman commissary to drum up trade; she has two students who wash dishes for their board; she employs two other students to wait on the table; and added to this expense she employs also a cook. One other woman has a boarding house where she takes care of twenty-five boarders. She employs no commissaries; she and her brother do the work of the kitchen; and the only help which she requires is the aid of two student waiters. The menu furnished at this third house is far superior to that at the first two although the prices are the same. If landladies did not try to feed so many people for nothing, perhaps there would not be such high prices for food in the University district.

The reasons students offer for not patronizing the regular boarding houses are that they have more freedom at a lunch counter, a restaurant, or a cafeteria, and they pay at these other places only for what they get. At the boarding house they must be on time or they lose the meal; if for sickness, indifference, or for any other reason they find it necessary to be absent from the boarding house there is no rebate. They therefore often prefer to sleep late or go without a meal and so elect to get their meals at some other place than at the regular boarding house.

The cafeterias, of which the better illustrations are those in the Y. M. C. A. building and in the Women's building offer the greatest variety of food cooked in the best manner. On the whole the student at these places seems to get more for his money than at either the regular boarding houses or at the lunch counters. After one has become expert he can dine at one of these cafeterias very cheaply. The University cafeteria serves only luncheon and shows self-service in its more civilized aspect. One may get a reasonable meal at from twenty to thirty cents, the former price, however, very seldom including meat. Many students who take one good meal at a cafeteria eat very lightly at other times, confining their selections of food to fruit or milk, or sometimes to

a piece of pie. In point of fact the pie habit, like the use of chewing tobacco, seems to be growing among the students. At one cafeteria the waiter asserted that seven out of ten men took pie for dessert. A good many people seem to consider board at the cafeterias too high for the ordinary person, but these perhaps have not learned to select their food with intelligence. The cafeterias, since most of them are regularly patronized by both men and women, are conducted with a certain amount of conventionality. The patrons are for the most part quiet, well-mannered and polite.

At the lunch counters, on the other hand, there is the greatest freedom of action. The food is put before one without ceremony. The men crowd in noisily with their books under their arms. They eat rapidly, and with their hats on. The talk is often loud and not always refined. One has little time for fletcherizing at such a place, for if it is near a class hour, some one is watching one's chair apparently wondering why one masticates so slowly, or why one does it at all. The entire order is brought in at once, and ten minutes is the maximum time needed for the consumption of the heaviest meal. If one arrives late to a meal the chances are that the tableware will have had but a brief introduction to dishwater, and will show finger-prints when touched. Dish towels are rare and napkins are unheard of. Eating at such places is almost certain to develop bad manners, and bad digestion. A stranger who should drop into one of these eating places when a meal is in progress would scarcely believe that he had come upon a group of educated young men who are striving for higher education, higher standards of living, higher ideals. The excuses offered by students for getting their meals here are that they can eat when they wish and that the rates are lower. The fact that they can sleep late in the morning appeals to some, and the unconventionality to others. On the whole it did not seem after a careful comparison of prices that food was any cheaper at the lunch counters than at the restaurants, the cafeterias, or the boarding houses.

The canvass of the boarding situation was interesting in many ways. It revealed pretty conclusively that the majority of students are being badly fed. The fault lies somewhat with those who undertake to furnish boarding facilities and who have neither the training nor the experience to do the work intelligently. It lies also in a large measure with the students who pay a reasonable price for the food they eat and who still are willing to accept food poorly selected, poorly cooked, and poorly served. The University can help to remedy this defect, I believe and is doing so, but it will not get far on the correct solution of the problem until a University Commons is established upon the campus, and students are fed under the direction of the University itself. Perhaps some large hearted and wealthy philanthropist may before long see in such an enterprise an unusual opportunity for the development of healthy bodies and strong minds and will make it possible for our students to be really well fed.



JONATHAN C. STOUGHTON
(SEE PAGE 93)

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OF THE
UNIVERSITY OF ILLINOIS

JONATHAN C. STOUGHTON

VERGIL V. PHELPS

People passing about the campus of the University of Illinois today frequently wonder how the University came to be located where it now is. Accordingly we are presenting a phase of the movement as it is concerned with one man, whose name is known locally perhaps largely because it has been given to the street terminating on one side of the original ten acres which constituted the University grounds proper. And yet without his assistance the University of Illinois would probably not be at Urbana and Champaign today.

Jonathan C. Stoughton, a typical Yankee, was born in the New England States in 1820. He received a good education and came to Illinois in the exciting days of slavery agitation. Being a minister of considerable ability his influence upon the political, educational, and religious life of the state was very significant. He settled at Aurora, Illinois, joining the Rock River conference of the Methodist Episcopal church in 1848. Jonathan C. Stoughton had the New Englander's instinct for education, and entered the state before the public school system had been authorized and when even high schools were looked upon as questionable necessities or desirabilities. He started at Aurora, where he erected a stone building, still standing, for purposes of higher education. He then turned his attention to Urbana and Champaign. Joining in 1859 with George Harvey who had come from New Jersey and with J. E. Babcock, a contractor, under the firm name, "Stoughton, Babcock, & Harvey", he began negotiations for erecting a school building at Urbana-Champaign.

The proposition which he made to local citizens was as follows. For the purpose of establishing an institution of higher learning he suggested¹ a seminary for young men and women which could be financed by the organization of a stock company, called the Urbana and Champaign Institute,² capitalized at \$200,000, the shares of stock selling for \$200, and entitling the holder to a lot adjoining the grounds of the proposed building.³ He stated that if these shares of stock were purchased, he and Babcock would then buy 46 acres of land and lay it out in lots, except 8 acres on which the Seminary Building would be erected. Citizens were to subscribe for \$40,000 worth of stock and Stoughton and his colleagues were to run the risk of selling the remaining lots. From the proceeds of the sale they would erect the building and get their profits from what was not used in erecting the structure.

¹See Original Contract dating July 2, 1860, and County Records of Supervisors, III:334.

²See County Records of Supervisors III:333.

³The contract reads "Each town lot representing stock at the average value of two hundred dollars per lot, one share of said stock being worth one hundred dollars".

The arrangement was carried through successfully, and the corner stone of the building was laid in the spring of 1861 by Reverend Mathew Simpson, bishop of the Methodist Episcopal church. The building was finished in 1862. Because of the interruption of the Civil War, and the agitation for the location of the state university that arose at once with the national land grant act of 1862, nothing was done immediately. Part of the building was occupied as a residence for two years by Archa Campbell, who was the first mayor of Urbana, and one of whose daughters was born in the building.

After the War and with the renewed agitation for the location of the state university, Stoughton came to Urbana and Champaign to arouse interest among local citizens toward securing the state university in their midst. A town meeting was held at which Stoughton presented his plan. A committee of which Stoughton himself was a member was sent to Springfield in January, 1865, for the purpose of presenting the opportunities for the location of the state university at Urbana and Champaign.

After persistent and determined efforts by local citizens, the state legislature finally passed a law authorizing the location in this community. In view of the difficulties that had to be surmounted in securing the University, there probably can be no question that it would never have been located at Urbana and Champaign if Stoughton had not erected the Champaign and Urbana Institute or the "White Elephant" as it was properly dubbed by its opponents. With such a building ready for occupancy it required merely a sufficient bonus of land and equipment in order to put Illinois Industrial University, as it was first called, into operation. It is significant, in this connection, that the state legislature in passing the act merely authorized the location of the university temporarily at Urbana-Champaign.

Stoughton then returned to Aurora and visited the local community only infrequently. He held several pastorates in the state, one of them being in Chicago at the Grace Methodist church. He was interested not only in education, but also in temperance, and being a speaker of considerable ability, his influence was far-reaching. He died at Aurora, March 19, 1900.

At his funeral services⁴ a member of the same conference of long standing said that he was "One of the kindest men I ever knew", and another member of the conference said that he was "one of the most intellectual and brilliant men in this body". He was the promoter of the most notable revival in the history of the conference. A member of Stoughton's church who spoke at the funeral said that he never heard Stoughton mention the thought of dying, and that Stoughton never thought of the "good old days". His thoughts were of the present and future.

⁴See Program of Funeral Exercises.

UNIVERSITY FOR THE QUARTER

PRESIDENT JAMES TO THE STUDENTS, ON THE FORTY-EIGHTH ANNIVERSARY (MAR. 11)
OF THE OPENING OF THE UNIVERSITY

Friends:

Forty-eight years ago last Saturday the University of Illinois was incorporated, and forty-seven years ago today it was formally opened with a faculty of three instructors and three students, with fifty-seven registrations by the end of the first week. The annual register of the University of Illinois for 1914-'15, which has just appeared, shows that the instructional and administrative staff membership is at present 777, and the total registration of students for the year exceeds by four the number of 6000. It is truly a marvelous growth.

We are justified in believing, too, that it is only the real beginning of things, although it is, of course, extremely unlikely that a similar percentual increase in attendance and in the staff will take place in the next half century. It is quite possible, however, that the University of 1962 shall, in all real characteristics of a true University, exceed the institution of today as much as the one of today exceeds that of 1868.

If the reports current about the difficulty of securing practice games for our track teams are true, it seems that Mr. Huff and his great aggregation of coaches are training our student athletes to such a fine point that those of other institutions do not like to compete with them.

If our teachers and investigators shall fire the ambition of themselves and our student body with a similar desire to excel in the field of scholarship and social achievement, the University of Illinois will not be recognized as the same institution in another fifty years.

The ambition of students and professors alike in the years to come should not be that the University should excel in attendance, in number of staff, in buildings or equipment—all these things have been added unto it even now—but that it should exceed its own past and its sister institutions in the number of honest, vigorous, well-trained graduates we may turn out from the University, fitted to do high service for their day and generation, and moreover eagerly longing to do it, and also to surpass their own past and the future of our sister institutions in this and other countries by the quality and quantity of the scientific output of the members of its staff.

The distinctive purpose of a University is to train young men and women for the highest kind of service in all the vocations of life for which a scientific training may be valuable, and to inspire them at the same time with the very highest ethical and moral ideals, and fire their hearts with an ambition to do great and real social service. And its equally important function is to add to the sum total of human knowledge and our power over the forces of nature, an activity which is sometimes characterized as research or investigation, promoted by the spirit of productive scholarship on the part of every member of the staff. If the University fails in either respect it fails of being a university in the highest sense of the term. And in working toward this ideal the University of Illinois has as great an opportunity to advance in the next fifty years as it has had during the last fifty.

But few changes in the faculty come at this time of the year. All of the appointments are of secondary importance, being in most cases the addition of positions or duties to people already on the faculty. The most pronounced readjustment has been made in the business offices because of the resignations of two men and the death of another.

Changes in the Faculty

APPOINTMENTS

George W. Coffey, assistant state leader in extension work, College of Agriculture. Dr. Coffey, who will assist W. F. Handschin, state leader, comes from the Ohio experiment station, Wooster, where he was in soil survey and other work. He is an alumnus of the University of North Carolina and of George Washington university.

J. A. de Turk, instructor in the machine shop. Mr. de Turk succeeds D. L. Scroggin, and comes from the Ingersoll-Rand co., Phillipsburg, N. J. He graduated from Pennsylvania State College in 1912.

H. S. Capron, treasurer of the University. He is cashier of the First National bank of Champaign, and is recognized as a leading business man. He succeeds M. W. Busey of Urbana.

Clayton S. Smith, instructor in physiological chemistry in the College of Medicine.

The resignations of Mr. Frazer and Mr. Staples and the death of Mr. Hay have necessitated temporary changes in the business offices. L. E. Knorr, assistant comptroller, takes up Mr. Frazer's work, and the supervision of the Bursar's office. The bookkeeping and other routine matters are in charge of M. E. Thompson, a clerk in the office. Alfred Steitz, formerly stores clerk, is acting as purchasing agent.

Elizabeth Bevier, vice director in home economics extension work. Miss

Bevier is also professor of household science.

Mamie Bunch, '14, state leader of administration work under the Lever bill. Miss Bunch is also instructor in household science, and divides her time equally between the duties of that position and that of state leader.

Jeremiah G. Mosier, '93, professor of soil physics, has been appointed superintendent of the farm property deeded to the University by Capt. T. J. Smith.

Dr. J. H. Beard, instructor in physiology, has been appointed medical examiner for classified employees, and will conduct the physical examinations involved in the local examination of laborers and domestics under the arrangement with the Civil service commission.

C. M. DeLany and James Hall have been appointed to the board of examiners in accountancy. Mr. De Lany takes the place of Peter White, who died on Dec. 17, 1914. Mr. Hall, who is Chicago manager for Warwick, Mitchell and co., succeeds Mr. Seatree, whose term expired last July.

LEAVES OF ABSENCE

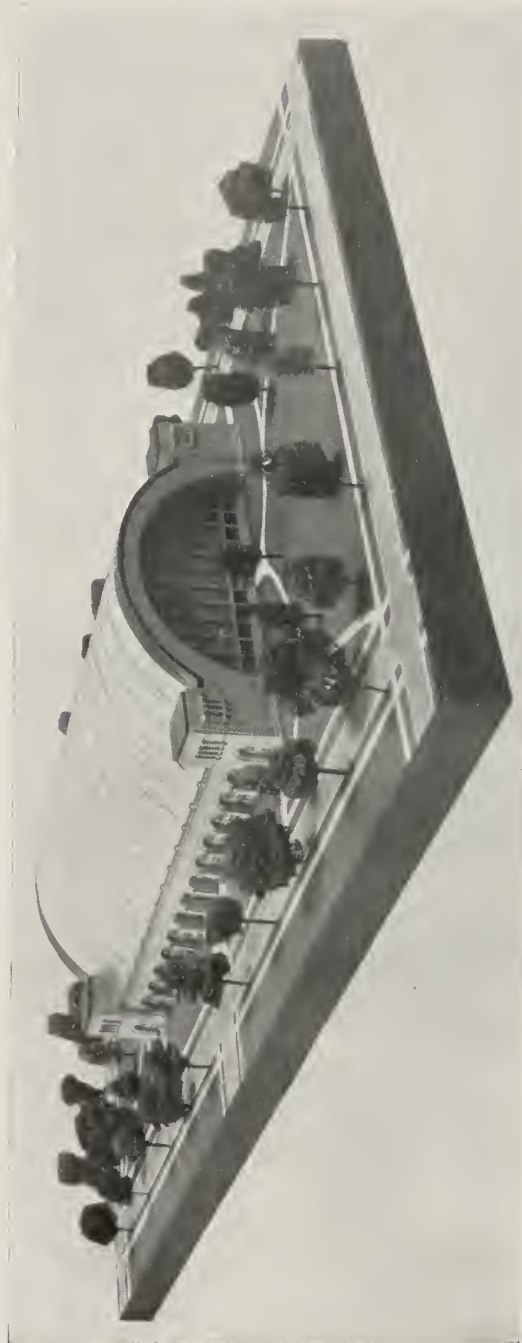
Professor W. C. Bagley, director of the School of Education, who has been teaching continuously for eight years, including summer sessions, is on leave of absence, half time, during the second semester. He is investigating normal schools in Missouri and revising his book, *Educative Process*.

William Trelease, professor of botany and head of the department, has been granted leave of absence until May 1. He is in Guatemala investigating the plants of the plateau country. The agava, century plant, mistletoe and oak will be the main subjects of his investigations. During his absence, Professor C. F. Hottes, '94, is acting head of the department.

Dean Goss and Professor Fairlie have been granted additional leave of absence.



MODEL OF THE UNIVERSITY CAMPUS
NOW ON EXHIBITION AT THE PANAMA-PACIFIC EXPOSITION



MODEL OF THE NEW ARMORY
NOW ON EXHIBITION AT THE PANAMA-PACIFIC EXPOSITION

Dean Goss is working with the committee on electrification of Chicago terminal railways. Professor Fairlie is on the legislative committee on efficiency and economy, which has recently reported to the legislature.

Professor E. C. Schmidt has been granted leave of absence for a few weeks on account of sickness.

RESIGNATIONS

Walter F. Dodd, associate professor of political science, has resigned his position to accept a similar one at the University of Chicago. Dr. Dodd had been in the University for five years, coming here from Johns Hopkins. He is now in Washington, D. C., where he has been preparing the manuscript for a new book.

Dr. Kuno Meyer, visiting professor of Celtic languages and literature, has resigned.

Several bills directly or incidentally concerning the University have been introduced in the General Assembly in the present session. One introduced in the House by Mr. Hubbard of Carrollton provides for the abolition of the mill tax in support of the University. This tax at present assures a fairly steady income of about \$2,250,000 a year, and permits the trustees to develop a consistent policy of construction and development impossible under the uncertain biennial appropriations from the general state funds.

Another bill would change the method of choosing members of the board of examiners in accountancy. At present the examiners are appointed by the University trustees; this bill would have them appointed by the governor.

Still another house bill, introduced by Mr. Pierson, of Wilmette, would prohibit the teaching of any class numbering fewer than five persons in any institu-

tion of learning in the State supported by public funds. A penalty of from \$5 to \$100 for each offense is provided.

Three or more bills would make the trustees appointive by the Governor.

One bill would establish a pension fund to include the teachers and administrative officers of all schools, primary to University, in the State. The scheme would be elective for all now teaching, and compulsory for all who should enter the profession in Illinois after September 1, 1915. The plan provides that each teacher shall contribute to the pension fund one dollar a month in the first five months of each of the first ten years of service, two dollars a month in the next five years, and six dollars a month in the next ten years. Assessments would cease after the twenty-five years, and the teacher would be privileged to retire on an annuity of \$400. After fifteen years of service, retirement for disability would be permitted, with an annuity of \$16 for each year of service. The State would supplement the contributed fund by levying a tax of not more than 3/10 of a mill. No part of the proposed law would apply to the schools of Chicago.

With the present courses in commerce and business administration as a basis,

New College of Commerce

a college of commerce and business administration will be organized and opened next September. The University Senate recommended such action on June 1, 1914, and on June 9 of the same year the trustees approved the recommendation and authorized the President to proceed with the organization. President James referred the business to the Senate committee on educational policy, whose report was adopted by the Senate on April 5.

If the vote of the Senate is carried out in detail, the new College will offer

programs of study in the following lines:

- a. Mercantile business
- b. Banking
- c. Insurance
- d. Accounting
- e. Railway traffic and accounting
- f. Railway transportation
- g. Foreign commerce
- h. Salesmanship and superintendence in engineering and business houses. (In cooperation with the College of Engineering)
- i. Farm organization and management. In cooperation with the College of Agriculture)
- j. Commercial secretaryships
- k. Commercial teaching
- l. Business and law. (In cooperation with the College of Law)

The different kinds of work now included under the department of economics will be divided into separate departments (a) of economics, finance, and statistics; (b) business organization and operation; (c) transportation.

Entrance requirements will be practically the same as for other colleges of the University, and the degree of bachelor of science will be given on graduation, but students now taking business courses in the University will be graduated with the degree to which they would be at present entitled on completion of courses as now outlined. Courses in the department of economics, finance, and statistics which are of a general educational character will be educationally classified in the College of Liberal Arts and Sciences also, and open as major or minor subjects, or free electives in that college.

As there are now more than 400 students in business courses, the new college will begin with more students than were in the University during the first decade of its existence.

In addition to the usual Commencement exercises at Urbana-Champaign for the local seniors, the graduating classes in Medicine and Dentistry, numbering

Preparing for June

about 125, will also receive diplomas here. Heretofore, separate exercises were held in Chicago. The new arrangement makes it necessary for them to come to Urbana-Champaign, and an appropriation has been made for their car-fare.

The baccalaureate address this year will be by Dr. Joseph W. Cochran, pastor of Northminster, Philadelphia. He is noted as a Presbyterian minister and as an authority on education.

The summer session opens on June 21 and closes Aug. 31. About eighty

Plans for Summer

of the members of the faculty of the regular school year will remain to give instruction, and will be assisted by several from other schools. Scholarships are granted to all high school teachers in Illinois, and to all other teachers able to matriculate in the University. Graduates of normal schools in the state with the class of '15 are also included in this privilege.

The summer course in library training, and the courses in athletic coaching, both inaugurated last summer, will be continued. Director Joseph C. Park of the state normal school, Oswego, N. Y., will have charge of manual training. In the department of household science Miss Leona Hope, formerly of the University of Wisconsin, will give instruction in costume design, home decoration, and weaving.

For woman students in German who may wish to perfect their conversation, an opportunity is offered by the department of German. One of the sorority houses has been rented, in which rooms

for twenty women are available. At the tables instructors will lead in informal conversation in German.

Among the interesting things being done by the University is the encouragement of music. Orchestral concerts by **Music on** renowned artists, recitals by the School **The Campus** of Music, and Sunday afternoon organ recitals have been gratifying in their frequency and excellence. "Any educational institution," says Director Erb, "which pretends to serve the people and does not include a reasonable amount of musical activity at the least possible cost, is not true to its mission as a public servant."

THE SYMPHONY CONCERTS

The trustees have voted to continue the series of orchestral symphony concerts for next year. These are now in their second year, and have steadily advanced in favor. At a cost to students and faculty people of but twenty-five cents admission, the community has heard four of the five or six greatest American orchestras, and the concerts were liberally patronized.

THE ORGAN CONCERTS

To the average person the hour of harmony from the King of Instruments is soothing and inspiring. Letting the imagination rove about at will, the auditor is taken forward into his vacation days, and hears the murmuring of bees in white orchards, the rippling of brooks under cool willows, and even the dinner bell, for the organ has chimes. The thunder of war in Europe, the scarcely audible singing of birds, the simmering of apple sauce on the range, the piercing call of the referee's whistle—the organ is master of them all.

Who attends the concerts? Students, faculty folk, school-children, policemen, rug manufacturers, farmers, druggists,

draymen—all who have ears. And with equal attention they listen to Mendelssohn's Sonata, No. 2, in C Minor, and Callaert's Intermezzo in B flat Minor.

At the close of a concert the crowd lingers, for Director Erb, organist, is an obliging fellow and would just as soon play on as go to supper. Old favorites are heard; an old woman wants to hear Rock of Ages; and small boys crowd forward to see the organist's hands and feet perform.

THE UNIVERSITY BANDS

To give a little more than people expect, is a safe way of getting their nod of approval. Few expected to hear a concert up to the pitch of perfection reached by the first and second regiment bands Mar. 6 in the Auditorium. It was the annual concert, played not only by the first band of 79 musicians, but including as well 62 members of the Yannigans, a car-load of trumpeters and drummers, the organ, and two imported soloists, one a harpist and the other a soprano soloist. When all of this except the singing pealed forth at once, as it did in Tschaiowsky's *Overture*, the most unappreciative person in the audience surely admitted that Illinois finds expression in music as well as in basketball.

Director Harding's program was well stiffened with the classics which rise and fall and meander around like all art. Stars and Stripes Forever, Tipperary, and such favorites that gallop along without much batoning or agonized toots, were given as encores.

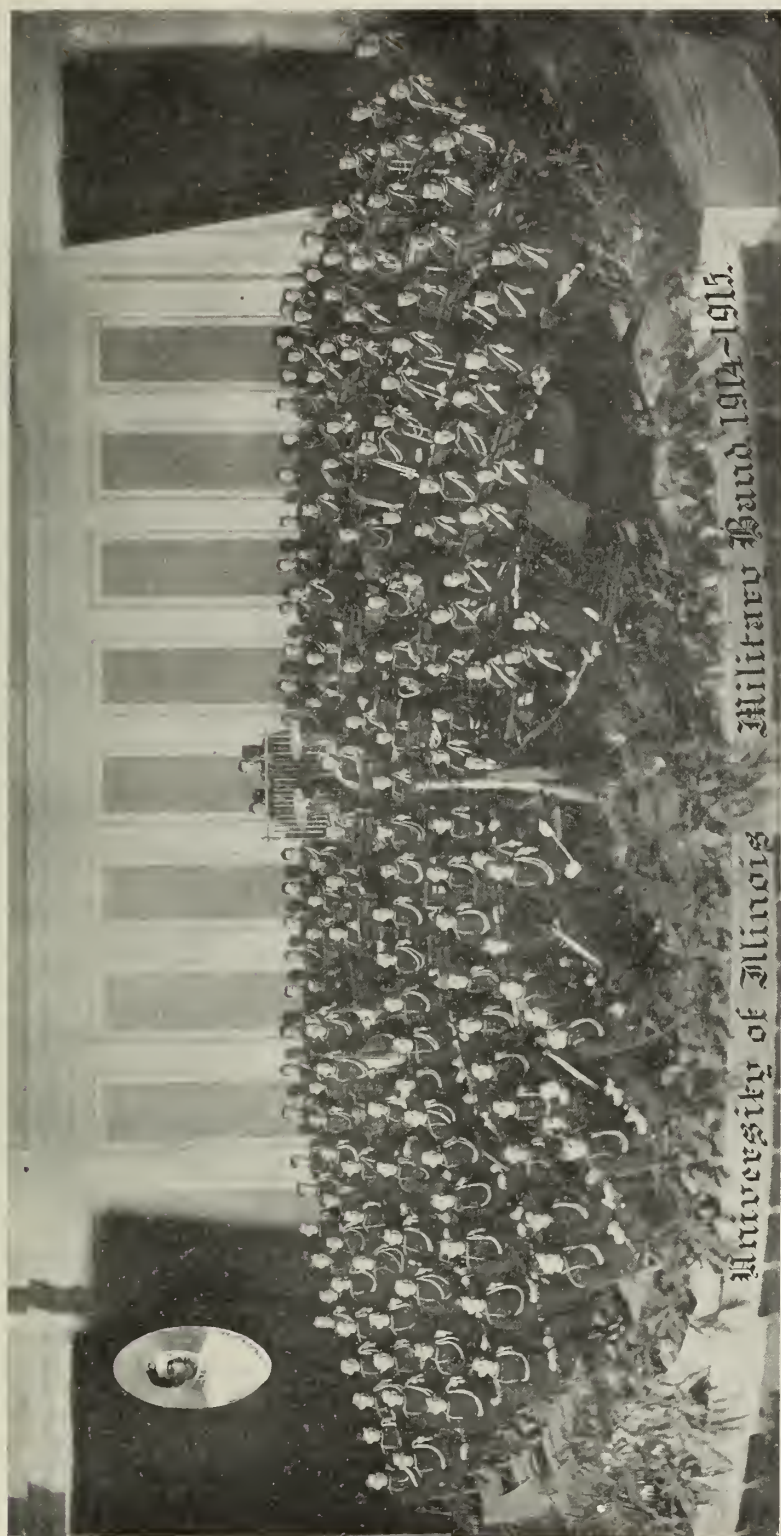
Solo parts were taken by Adeline Brainard, ex-'10, who sang A Spirit Flower; M. J. McClelland, '15, euphonium solo, Vesta la Giubba; and by A. Salvi, harpist, who twanged during the intermission. Miss Brainard teaches music in the public schools of Harvard. She taught in the 1914 Summer Session at the University.

Klingelhoefer Kirkwood Dard Clark Kiefer



Ross Elder Spangene Snider Goodford Huff Briggs Bettinga Plank Hobbs Sharp

UNIVERSITY OF ILLINOIS MILITARY BAND 1890



On the front page of the programs was printed a picture of the band twenty-five years ago, when it included sixteen musicians. G. Huff is shown with a bass drum about the size of a dish pan. Other players were Klingelhofer, Kinkead, Burt, Clark, Kiler, Elder, Seastone, Snider, Sandford, Bassett, Beuthein, Plank, Hobbs and Sharp. (See illustrations).

OTHER MUSICAL INTERESTS

The Choral society presented Hiawatha's Wedding Feast Mar. 2, with N. Hougard Nelson as the soloist. The University orchestra gave its concert on Mar. 10. Both presentations were well worth hearing and attracted fair-sized audiences. Mrs. Edward MacDowell gave a piano recital on Mar. 18 made up of Macdowell compositions.

SHORT COURSE FOR BANDMEN

Another short course will begin making history at the University early in May, probably May 3, 4 and 5, when bandmasters, bandmen and band organizers will come for a course of instruction and to exchange ideas. Every town has a band, and as it generally sets the musical standards of the community the reason for having a band short course is not difficult to see. Director Harding says that 90 per cent of the musical appreciation in the state is closely related to the bands.

The summary of students printed in the new edition of the annual *Register* shows that the University has passed the 6000 mark, the exact figures being 6004. The total at Urbana-Champaign is 5446. The proportion of men to women is 3.5 to 1. The leading departments in number of students registered are:

Liberal Arts and Sciences.....	1854
Engineering	1213
Agriculture	1171

Graduate School	444
Medicine	287
Pharmacy	199
Law	108
Music	89
Dentistry	84
Library School	49

The faculty and administrative staff shows a total of 777 names.

Building is going on briskly, the Chemistry and Commerce additions being the construction

Activities in Building centers. The School of Education and Ceramics buildings are the next to receive attention. The trustees at the March meeting decided to have the work begun on these rather than the Woman's dormitory, the erection of which must now wait until the building calendar is cleared up. The postponement of the women's interests in favor of the department of Ceramics was of course a disappointment to Dean Martha J. Kyle, '97, and to many other advocates of better living conditions for women students.

The problem might be solved as it has been at the University of Michigan, where a family, six members of which are Michigan alumni, has built a women's dormitory in memory of their mother. They say that they "owe a debt of gratitude which cannot be compensated for in money, but may be shown in this beautiful structure." The building will accommodate 150 women.

The decision to begin work on the School of Education building ends a long period of waiting by the School, which is now crowded into University Hall. The appropriation was asked for 2½ years ago, and a picture of the building as planned was shown in the *Quarterly* for April, 1914. The cost will be about \$120,000. The site is just east of the Trinity church on Springfield avenue, Urbana.

The Chemistry addition, which is much the largest building that has been

erected since the building of Lincoln Hall, is now up to the second story. The floors are being made of hollow tile and concrete, reinforced with steel rods, and will of course be much lighter than solid concrete floors. The finish will be of some acid-proof composition, the exact nature of which has not been decided upon. The building will be ready for use next fall.

The Commerce addition, known generally as the Administration building, is completed, so far as outside appearance is concerned, with the exception of an iron canopy which goes on the front. The roof is of tile to match the Commerce building.

The Ceramics building will be placed just east of the Transportation building and in appearance will be much like it. The structure will be 66 by 188 feet and three stories high, and will face Goodwin ave. It will be occupied not only by the ceramics department but also by the state geological survey and the research laboratories for theoretical and applied mechanics. The Ceramics quarters are now in a small two-story structure in the rear of the Transportation building.

Three hundred and twenty acres of land recently purchased by the University has been assigned to the horticultural department. The tract lies just east of the south farm. Eighty acres of it have been reserved for other purposes, leaving the remainder for horticultural purposes. The ground now occupied by the department, with the exception of that including the new buildings, is to be vacated for the use of other departments of the University.

The University was well represented at the Springfield meeting of the Illinois academy of science Feb. 19 and 20. Of **Almost** the thirty-one num- **Unanimous** bers on the program, nineteen were by Illinois people. (Three

of these appeared twice on the program):

D. A. McInnes	A. Peterson
S. A. Forbes	M. E. Hinds
E. Bartow	H. S. Pepoon, '81
Esther Young	H. P. Corson
A. N. Bennett	P. Garman
F. W. Mohlman	Gertrude Bacon
C. C. Hamilton	T. E. Savage
Anna Newell	Edna Mosher

Professors resign from the University now and then because of inadequate library facilities. Figures recently compiled show that Illinois stands last among eleven universities when the number of library books is taken as a standard of comparison:

Harvard	1,121,000
Yale	1,000,000
Columbia	608,300
Cornell	439,517
Chicago	431,500
Wisconsin	393,000
Pennsylvania	389,800
Princeton	379,500
Michigan	337,400
California	282,000
Illinois	262,000

However, there are hundreds of books in the Library that are seldom consulted, and there are likewise a good many consultants who look in vain for anything about basketball, any of the works of F. P. Adams, and for a directory of St. Louis.

Noted writers and speakers frequently visit the University, and are welcomed by large and attentive audiences. When Jane Addams of Hull house, Chicago, spoke in the Auditorium Feb. 12 on Civic and Social Service in its Professional Aspects she was greeted by an audience that filled all the seats. Miss Addams also spoke in the Trinity church on The Peace Movement in America. At the close of the meeting a local organization for the promotion of peace was formed.

PARAGRAPHS

PROFESSOR OF agricultural education is a new position established in the College of Agriculture. The professor is also classified as a member of the faculty of the School of Education.

IT IS A FACT not generally thought much about by alumni that the fees charged by the University are less than any institution of its size in the Mississippi valley, and that it is one of a very few universities still offering instruction to non-residents (students from outside the state) on the same terms as to residents.

TALK OF a campus theatre is again being heard. The dramatic organizations of the University are discussing it, and a few sketches of buildings have been made. Mr. T. H. Guild, who died last summer, was an enthusiastic advocate of a campus playhouse, and as far back as 1908 had his rhetoric students at work on themes urging the erection of such a building.

THE DESIGN FOR the memorial to Col. E. G. Feché, who died in 1910, has finally been accepted and work begun on the modeling. The cost of the memorial will be met by the funds raised by popular subscriptions from students and faculty members a year or so ago.

THE COLLEGE OF ENGINEERING has installed a high production drill press in the machine shop to be used in a series of tests on drilling metals. The machine is of heavy construction, weighing 2600 pounds, and has sufficient power to drive drills through cast-iron at the rate of 53 inches a minute. This is from three to five times the rate for ordinary drill presses, and almost equal to the rate of drilling wood a few years ago.

FOUR RESEARCH FELLOWSHIPS, two each in ceramics and mining engineering, with a stipend of \$500 a year, have been created for the Engineering experiment

station. This makes a total of fourteen for the station.

A COPY OF EACH book published by the Macmillan co. is now received at the University Library and is placed on exhibition in room 105.

PERSONAL

VISITORS ON THE CAMPUS are likely to overlook a small, one-story brick building south of the main building of the College of Agriculture. Here may be found Thomas Jonathan Burrill, Professor *Emeritus* of Botany and intimately associated with the University almost from its beginning. Resourceful and energetic, in his seventy-sixth year he is busily at work in botanical and bacteriological investigation.

The outside door opens into a small laboratory, much the same in appearance as thousands of others. Opening off this laboratory to the south is a tiny room, like a pantry, with a window in one end and shelves everywhere made of new pine boards. The lowest of the shelves on one side forms Dr. Burrill's desk. Here he sits in an old revolving chair surrounded by his books, and by files of correspondence long forgotten. A greenhouse looms up just outside of the window. Through the dim panes one can make out bits of growing plants.

When asked what he does in his tiny office and laboratory, Dr. Burrill has little to say, except that he is trying to educate certain common parasites. After spending years in educating the youth of Illinois, he has undertaken to teach parasites how to act. Especially is he interested in training clover fungi to board with other plants such as corn, oats, and even weeds. If he succeeds, the rotation of farm crops will be a thing of the past, for all of them will take food out of the soil with one hand and put it back with the other—real agricultural perpetual motion.

GEORGE E. FRAZER, comptroller and professor of public accounting, whose resignation was noted in the January *Quarterly*, is now in the auditing department of Montgomery Ward and co., a Chicago mail-order house.

MRS. HELEN M. HENROTIN, trustee of the University, should now be addressed at 1656 N. LaSalle ave., Chicago. For some time she had made her home at Wilkes Barre, Pa.

THE ENGAGEMENT of Christian A. Ruckmich, instructor in psychology, and Margaret Theilen, '13, has been announced.

PROFESSOR A. N. TALBOT, '81, has been elected a member of the board of directors of the American railway engineering association.

SETH J. TEMPLE, instructor and assistant professor in the department of architecture of the University from 1896 to 1904, and now in Davenport, Iowa, as a member of the architectural firm of Temple and Burrows, lectured to the Architectural club at the University Feb. 25 on the subject, The Architect as a Business Man.

PRESIDENT JAMES'S insistence on enforcing the University ruling against nepotism even in the case of his own son-in-law attracted wide attention, and has been the topic of much editorial discussion. Newspapers have in general strongly approved of the President's stand in the matter, although the Springfield *Republican* thinks he carried it too far.

E. C. HAYES, son of Professor E. C. Hayes, was a member of the affirmative team of Illinois debaters that met Wisconsin on Mar. 26.

COL. B. C. MORSE, formerly commandant of the University regiment, has been stationed on the Philippine Islands, where he will probably remain for two years.

LEONARD HEGNAUER, formerly on the faculty of the College of Agriculture,

is now in charge of a 1000 acre fig and pecan orchard near Brazoria, Tex. He is associated with Professor Kyle of the Agricultural and Mechanical College of Texas.

T. R. AGG, instructor in general engineering drawing in the University, 1905-'09, is now head of the highway engineering department of Iowa State College at Ames.

INA MAY BROWN, loan assistant in the Library, was married on Feb. 16 to D. J. Pickett at Indianapolis. They are living at Greenfield, Ind.

R. Y. WILLIAMS, director of the miners' and mechanics' institutes which are in charge of the department of mining engineering, has organized the sixteenth of a series of night schools at the township high school of Duquoin.

PROFESSOR W. M. WILSON of the department of civil engineering recently presented a paper before the Western society of engineers on Wind Stresses. The new method of computing wind stresses, which has been developed by Professor Wilson and Mr. G. A. Maney, was described.

PERCY H. HOUSTON, who was a member of the faculty of the department of English 1906-'08, is teaching in the University of Texas, and likes it.

PROFESSOR F. R. WATSON, whose work in remedying the acoustics of the Auditorium was outlined in the January *Quarterly*, has fitted up a basement room in the Physics laboratory for experimentation with sound transmission and absorption. The equipment will be used particularly in a course of architectural acoustics now being planned.

PROFESSOR C. R. RICHARDS of the department of mechanical engineering has designed a hydraulic absorption dynamometer, several of which have been built in the college shops.

LOYDE C. DOUGLAS, secretary of the Y. M. C. A. at the University since 1911, has resigned to accept the pastorate of

the First Congregational church at Ann Arbor, Mich.

PROFESSOR G. A. GOODENOUGH of the department of mechanical engineering recently gave a lecture on The Development of the Steam Turbine before the college of engineering of the University of Wisconsin.

J. LAWRENCE ERB, director of the School of Music, has been elected to the presidency of the Music teachers' national association.

ROBERT T. SHINER, assistant in animal husbandry in the College of Agriculture, was married on Dec. 24 to Faye Colvin of Braymer, Mo.

W. H. VANDERVOORT, formerly assistant professor of mechanical engineering in the University and now head of the Moline Automobile co., has been elected president of the Society of automobile engineers. An article in *Motor Age* for Jan. 7 tells of Mr. Vandervoort's rapid rise in the business world.

OBITUARY

NATHANIEL HAY

Nathaniel Hay, for seven years purchasing agent of the University, died on Feb. 9 after a week's illness from heart trouble. The announcement of his death was a great shock even to his more intimate friends, as he was at work in his office up to within a few days of his death. Mr. Hay had served since 1907, when the office of purchasing agent was created. He was credited with having organized and maintained a noteworthy buying system for the University.

Mr. Hay was born in La Grange, Mo., in 1856. He was the son of Dr. Joseph A. Hay and a cousin of former Secre-

tary of State John Hay. At the age of 23 he began his business career in Springfield, Ill., and remained there until coming to the University. While in Springfield he was associated with the Republic iron and steel co., and later owned and managed a shoe store.

He was twice married, his first wife being Miss Kate Ridgely of Springfield. She died in 1898. The children are Miss Eleanor Hay, Urbana; and Howard R. and Collins Hay, '13, of Colorado Springs, Colo. Mr. Hay's second wife, who survives him, was Miss Anna Jacoby of St. Louis.

Funeral services were held at the home in Urbana, Rev. Hopkins of the first Baptist church of Champaign being in charge. Interment was at Springfield.

SARAH JANE HOLLISTER

Mrs. Sarah Jane Hollister, who taught music in the University 1880-'81, died on Feb. 27 at the home of her daughter, Mrs. D. W. Marston, in Marshalltown, Ia., after a month's illness. She was 77 years old. Interment was in the Forest cemetery at Toledo, Ohio.

Sarah Jane Smith was born at Garrettsville, Ohio, Mar. 1, 1838. She was married to Alson Hollister in 1857. They lived in Urbana until 1881, then moved to Toledo, Ohio. Mr. Hollister died four years later. Since then Mrs. Hollister had made her home with her daughter in St. Louis and later in Marshalltown, Iowa.

She is survived by two daughters, Mrs. D. W. Marston and Miss Winnie Hollister, both of Marshalltown.

SAMUEL WALKER SHATTUCK
(See Page 65)

NOTES ON BOOKS AND ARTICLES

Under this head will be published notices (space permitting) of such books and articles as are sent to the Quarterly for that purpose, and under a sub-title will be listed all such books and articles by alumni, members of the faculty and allied scientific bureaus as may be brought to the notice of the Editor. The cooperation of the alumni and faculty is invited, that this department may be made a complete record of our contributions to current literature.—EDITOR.

Babcock, Kendric Charles: *The Scandinavian Element in the United States*. U. of I. Studies in the Social Sciences, Vol. III, No. 3, Sept., 1914. Pp. 223.

The subject of this study is the Scandinavian movement into the Northwest, which may be said to have begun with the coming of the Norwegian "Sloop-folk" in 1829 and has continued into recent years, though with diminishing strength since 1882 in which year more than 100,000 Scandinavians came to seek homes in the New World. The work, though historical in plan and method, is not history in the narrower sense, as it deals with every aspect of Scandinavian life in the Northwest: social, economic, religious, intellectual, and political. Dean Babcock discusses conditions in the European North that may have stimulated the desire to emigrate; he traces the routes that the movement followed and indicates the successive regions into which the stream of settlement advanced; he tells us how the immigrants founded homes and new social units, and how they organized churches and established institutions of learning; he discusses the economic life in these new settlements, and accounts for the political affiliations of the new citizens. The author has also included a series of valuable statistical tables and a "critical essay on materials and authorities," which provides the most complete bibliography of the Scandinavian element in the Northwest that has thus far been

prepared. Dean Babcock's information is not drawn wholly from printed materials, however; he has derived much from actual contact with Scandinavian immigrants in their homes and settlements. He writes in a sympathetic spirit, though he does not fail to point out certain traits and tendencies, especially in the public activities of the Norse-Americans, of which he cannot approve: he believes, for instance, that the Scandinavian pioneers have wasted much wealth and intellectual energy in religious divisions and in the multiplication of educational institutions, most of which can not possibly survive. In these days of great and deepening interest in the problems of immigration and in the expedients proposed for its regulation and restriction, a study of this character will prove a valuable addition to the literature of the subject. It should be added that Dean Babcock's book is written in an easy and attractive style and in this respect holds an almost unique place among works of this type.

Laurence Marecllus Larson.

Forbes, E. B., '97, and Keith, M. Helen: *A Review of the Literature of Phosphorous Compounds in Animal Metabolism*. Ohio Agricultural Experiment Station technical series, Bulletin V. Wooster, March, 1914.

This is a book of 748 pages concerning the various phases of the relation of phosphorous compounds to the con-

stitution of animal bodies and to the foods used by animals, and concerning the physiological processes taking place in the mammalian organism which in any way involve phosphorous compounds. The preface states that the authors had in mind the bearing of this work on practical human nutrition and animal husbandry, and that they have sought to adapt it to the requirements of the college graduate who has an especial interest in nutrition.

The general method of treatment is a discussion of distinct topics accompanying condensed abstracts of the published reports of investigations which have been made in the particular field under discussion; data, and sometimes conclusions, being freely quoted from the original publications.

The extent of the material drawn upon for the discussions is indicated by the bibliography, which fills 120 pages of the book, and includes perhaps twenty-four hundred references. Complete titles and references are given. The arrangement is alphabetical by authors, the publications of a given author being placed chronologically. It is stated that of most of these articles rather comprehensive abstracts were written in the preliminary collection of material, and that in the field of normal phosphorous metabolism an especial effort has been made to consider every material which was available.

The table of contents gives a definite idea of the subjects discussed, and the index is comprehensive and detailed.

The treatment of the main topics, the metabolism of phosphorous compounds under normal and under pathological conditions, is preceded by 63 pages on the chemistry of organic compounds of phosphorous and 102 pages on the kinds and amounts of phosphorous compounds found in foods and in animal bodies and animal products. Selection was made of "data showing the connection

of the phosphorous contents of foods with other matters of interest, particularly as related to general type of food products, or to conditions of growth, preparation or manufacture; and also such material as is available showing the differential estimation of the various groups or kinds of phosphorous compounds in foodstuffs."

About 300 pages are devoted to the abstracts and discussions on normal phosphorous metabolism, including such topics as Maintenance of Neutrality, Absorption and Elimination of Compounds of Phosphorous, Metabolism of Nucleoproteins, of Casein, of Compounds of Glycerophosphoric Acid, and of Phytin, Phosphorous Requirements of Animals, and Phosphorous Metabolism as Affected by Various Conditions.

There are 113 pages of similar abstracts and discussions with regard to changes in the metabolism of phosphorous compounds under pathological conditions, the connection of phosphorous compounds with the etiology of disease, or the treatment with phosphorous compounds during disease. The authors state that their treatment of this field has been especially incomplete; yet thirty-five topics are discussed with considerable fulness and much data.

This review which has required much careful work will be of great value to advanced students and to investigators in biochemistry, animal nutrition, and the nutrition of man.

H. S. Grindley

Mathews, John Mabry: A Report on Educational Administration. Prepared for the Efficiency and Economy Committee of the State of Illinois. Pp. 83. 1914.

Prepared by John M. Mathews, associate in political science in the University of Illinois, for the State Efficiency and

Economy Committee is a judicious and comprehensive survey of the various branches of the state government which may be said to fall under a head of educational service to the state. These are elementary and high schools, normal schools, the University of Illinois, the State Libraries, and allied institutions or bodies, like the Natural History Museum, the Library Extension Commission, etc., the scientific service related to natural history, entomology, water resources, geology, agriculture, and engineering, and lastly, the three examining boards in law, architecture, and accountancy. In the case of each of these sections of the educational administration of the state, Dr. Mathews gives a brief but well balanced historical statement and description of the present powers and duties of officers and the purposes of their organization, and follows this up with comments, suggestions, and recommendations. An admirable thing about these recommendations is their moderateness and the lack of anything savoring of a radical attempt to secure conformity to some group of doctrinaire notions. They are based in each case upon a broad knowledge of practice of other states and other countries. In the second section of the report summaries are given dealing with educational organization in Europe, state education administration in this country, central boards of control for state educational institutions in the twelve states which have made experiments along this line, and central normal school boards in the ten states which have undertaken to consolidate the supervision of normal schools. It is thus possible for the members of the Efficiency and Economy Committee, and anyone else who reads the report to get a clear and logical reason for the recommendations made by the Committee. The reasons for some of these suggestions are so obvious as hardly to need argument, for exam-

ple, the concentration of control of township funds in the hands of the county treasurer, so that the three per cent of the principal of such funds needed for local salaries in some of the counties may be materially reduced, even though they do not approximate the one-tenth of one percent paid to school treasurers in Cook county. The recommendations contained in the report in regard to the general reorganization of educational administration are six: First, provision is made for an unpaid state board of education, of which the State Superintendent of Public Instruction and the president of the University of Illinois shall be ex-officio members, a representative of the normal schools, and two persons appointed by the governor with the advice and consent of the Senate. This board should have advisory powers over local school systems. Second, it is recommended that the five boards of state normal schools be consolidated into a single appointed board of nine members, including the State Superintendent of Public Instruction. Third, a recommendation is made for the fusion of library interests into a state library. Fourth, the scientific surveys should be fused into a commission on natural resources, consisting of the Governor, president of the University, and three appointed members. Fifth, it is recommended that for the appointed board of trustees of the University of Illinois an elective board be substituted, all ex-officio members, with the exception of the State Superintendent of Public Instruction, being eliminated. Sixth, changes should be made in local school administration to permit the adoption of township units, the consolidation of township school authorities, the control of school funds by county treasurers under the supervision of county superintendents, except in Chicago, and the establishment of educational qualifications for superintendents.

The administrative policy represented by these recommendations is undoubtedly more progressive and educationally efficient than the policy, or lack of policy under which the present administration goes on. The unity of educational administration does not mean hard and fast uniformity. It does not mean the elimination of local initiative and in a wise measure, of local education. It does mean, on the other hand, that education, in whatever direction it reaches out, is a function of the whole state, and as such should be subject to coordinated, if not centralized, state control. A state university or a state normal school is no more a "purely local issue" or a local industry than a state prison or a state court. Recommendations made in the report point to the creation of such organs of control and direction of the state's educational officers as would enable the state to express its sovereignty over the training of its citizens for contributive citizenship, and for the unity and efficiency of the higher function of the commonwealth.

Kendric Charles Babcock.

Reed, Susan Martha, Ph.D., '14: *Church and State in Massachusetts, 1691-1740*. U. of I. Studies in the Social Sciences, Vol. III, No. 4, Dec., 1914. Pp. 200.

Dr. Reed has given in this book of 200 pages an interesting and illuminating account of a complicated and somewhat neglected aspect of early Massachusetts history. The period covered extends from the date of her reconstitution as a rural province until the year in which all dissenting sects in the colony had gained official recognition and exemption. When in 1691 Massachusetts faced the problem of an ecclesiastical adjustment "the old ecclesiastical system was failing to maintain itself in its earlier vigor, and as the laws were made increasingly elaborate, with a view

to strengthening the position of the State church, the opposition grew more determined to defy them."

One of the two most potent forces in this opposition was the Quakers, supported by the Society of Friends in England, and it has been Dr. Reed's task to trace the steps by which this body particularly secured exemption legislation. She has done this work with skill and diligence, as the book and the bibliography of sources make amply evident. Among her sources, for instance, one finds no fewer than thirty-eight entries of manuscript materials, including a number in the Public Record office and other collections in London, records of the quarterly and monthly meetings of Massachusetts, etc. This is a good book for those persons to read who think that Quakers are and have always been committed to passive resistance, or that politics until recently was a blameless avocation of high minded and disingenuous idealists.

Slater, W. A., '06: *Test of a Flat Slab Reinforced Concrete Floor at Shredded Wheat Factory, Niagara Falls, N. Y.* Reprinted from the Copyrighted Journal, Vol. II, No. 6, 1914, pp. 36. American Concrete Institute, Philadelphia.

Mr. Slater, who is an assistant in the department of theoretical and applied mechanics in the Engineering experiment station at the University, describes a test he conducted on the first floor above the basement story of the new factory of the Shredded Wheat co. The floor was designed to carry 125 pounds a square foot, live load. In the tests the loads varied from 191 to 243 pounds a square foot.

The floor was of reinforced concrete construction of the flat slab type, divided into panels 20 by 22 feet. The results show that the greater part of the

unbalanced moment was carried by columns and very little by the slab. The indications were that the torsion in lintel beams due to unbalanced load is likely to introduce undesirable diagonal tension stresses.

The article is well illustrated with photographs and drawings, and forms a valuable contribution to the literature of a subject of great and increasing importance.

Ball, John Dudley, '07: Some Notes on Magnetization Curves. *General Electric Review*, Jan., 1915.

Mr. Ball, who has been with the General Electric co. at Schenectady, N. Y., for several years, gives in this article some of his observations on magnetization curves, and illustrates it with six drawings. The extrapolation of curves is discussed in the first part of the article. This is followed by a page on the "so-called knees of the magnetization curves, and "magnetization curves plotted on logarithmic paper."

Clark, Thomas Arkle, '90: The Fraternity and its Alumni. *Banta's Greek Exchange*, December, 1914.

Discussions of the undergraduate's obligations to his fraternity and what it owes to him are more common than discussions of alumni and their fraternities. In the praise or condemnation of the organizations the undergraduate relation is generally emphasized.

Dean Clark trains his spectacles on the alumni aspect of the question, and says that they "may do more than any one else by sane influence, and sane advice, and sane conduct, to lift fraternities to a higher plane . . ." The Dean, though recognizing the value of financial contributions from alumni for chapter house funds, puts other things first. "The fraternity often and usually needs

financial support, but it needs something more than this, if it is to get on. The active chapter of any fraternity should be able to look to its alumni for direction and advice and example in those things in which the older men have had the wider experience."

The alumni on the faculty, or in some other way situated in the same town with the chapter house, are urged to be more sociable. "More than half of them," observes the Dean, "would not even recognize their fraternity brothers if they should meet them on the street. They have their names printed at the head of the list published in the college year book, or engraved upon the program of the formal annual dance, but if they were suddenly ushered into the chapter house, they would not know Smith from Knappenberger, or the president of the chapter from the freshman who is being rushed, and they feel as lonesome as a blind man at a ballet."

But the main point about the article is its appeal to certain old or middling old grads who come from a distance for Homecoming or Commencement, and whose return "is often a matter of concern to college authorities and to serious minded fraternity officers . . . The returning alumnus, even though he has reached middle age, frequently forgets that he should have outgrown the follies of the freshman and too often feels that he must cast himself in the rôle of a sporty undergrad. The things he would not dream of doing in his own town and in his own house he falls into with eagerness in the chapter house . . . The freshmen must sometimes be sent out of the house in order that they may not be a witness to his indiscretions."

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Biography as a Literary Form is the title of an article in the March number of the Columbia University *Quarterly* by Carl Van Doren, '07. He makes a

plea for a more extended study of biography.

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Dr. B. E. Powell, editor of the *Press Bulletin* for the College of Agriculture, is the author of an article, Finding Better Seeds for the World's Food Supply, in the March number of the *Review of Reviews*.

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Arthur S. Pease, associate professor of classics, has an article, Medical Allusions in the Works of S. Jerome, in volume XXV of the *Harvard studies in classical philology* for 1914.

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E. M. D. Bracker, '08, instructor in farm mechanics in the Oregon agricultural college, Corvallis, gave an address at the 9th annual convention of the Oregon retail hardware and implement association in Portland early in March. The address was printed in *Farm Machinery* and *Farm Power, Farm Implement News, Weekly Implement Trade Journal*, and several others. "An exceedingly interesting and valuable paper which no dealer can read without receiving suggestions that will be helpful to him," says the *Farm Implement News*.

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A picture of H. K. Humphrey, '11, is printed in the December *Proceedings* of the American institute of electrical engineers, and also in the February number of the *General Electric Review*.

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Bulletin 212 sent out by the Link-Belt co. describes the Wendell continuous automatic drier, a machine for the drying of washed coal for cooking purposes. Although intended primarily for coal drying it can also be used for removing mechanical moisture from other materials. The work is performed by centrifugal force and gravity.

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"Uncle Sam,—that is to say, that part of the American population that farms,—

keeps three immense herds of dairy cows," states Professor W. J. Fraser, '93, of the University, in the March *Review of Reviews*: "each herd contains seven million head and occupies a farm the size of the State of Illinois! One of these herds lacks \$50,000,000 annually of paying for its keep. Another of equal size makes a moderate profit of \$7.85 per cow, but the third herd of 7,000,000 high producing cows makes the splendid, but not extraordinary, profit of \$26.82 per head, or \$187,000,000 annually."

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Professor Julius Goebel's book, *Der Kampf um Deutsche Kultur in Amerika*, published in Leipzig just before the war, has been highly commended by Kaiser Wilhelm and Chancellor Hollweg. The New York *Staats-Zeitung* says that "there is no other person in this country more capable and justified to urge and advise his countrymen, especially in the present crisis." The New York *Nation* says that "Professor Goebel is unswerving in his conviction that the civilization of Germany is the highest in the world. The intellectual leadership, he thinks, passed over to her definitely more than a century ago. Unfortunately, this national self-appreciation, pardonable enough in itself, is marred by expressions of wholly irrational hatred of England. One wonders how it is that this unamiable quality has been the congenital possession of so many Germans for a generation or more."

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Charles Mulford Robinson, professor of civic design, has written a new edition of *The Improvement of Towns and Cities*.

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In the *Wisconsin Engineer* for January appears an article by Arthur R. Seymour on the Relationship of Faculty and Student. Dr. Seymour is associate

in romance languages in the University, and adviser to foreign students.

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Dr. John L. Rich, instructor in zoology, has an article, *The Setting of the Recent Italian Earthquake*, in the *Review of Reviews* for March.

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Edson W. Morphy, instructor in violin, writes in the *Violinist* an article on *The Value of Staccato Bowing*.

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Victor E. Shelford, assistant professor of zoology, is the author of a volume, *Animal Communities in Temperate America*. The book is a treatise on field ecology.

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Ralph Rodney Root, assistant professor of landscape gardening, and Charles F. Kelley, formerly instructor in art and design, have written a book, *Design in Landscape Gardening*, published by the Century co.

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Y. Young, '13, has an article in the *Agriculturist* for February on farming and farm life in China.

PUBLICATIONS

EDUCATIONAL ADMINISTRATION AND SUPERVISION

No one nowadays expects a school system, large or small, to run itself. Once in school affairs there was no need of frequent and professional interchange of educational opinion. We are in a new era of professional administration of all types of educational activity. Those school men who are not professional administrators will be called upon to justify their appointment, tenure and practice.

There appears to be a distinct field for an educational magazine devoted wholly to the thoroughgoing treatment of the multiplying numbers of problems distinctly administrative and supervisory in character. This journal is to be an

instrument for distributing the evaluated results of technical studies in this general field.

As a monthly journal it covers fields which can roughly be distinguished as follows: 1. State and county systems of education, including rural education and also educational legislation; 2. City school systems, including chiefly problems of city administration, supervision, management, reporting and educational statistics; 3. Secondary education, including problems of organization, administration, inspection, curriculum making, and internal supervision, management and the pedagogy of the different subjects, and including also a consideration of those problems of higher education involving directly the interests of secondary education; and 4. Elementary education, with the problems in this field analogous to those cited for secondary education.

In addition to these fairly distinct administrative fields there are those overlapping problems of vocational education of school extension, the one including agricultural education, and all varieties of trade, of continuation, part-time, and evening schools; and the other including broadly the problems of school hygiene, of the school as a social center, and of the school's cooperative agencies.

The journal undertakes the publication of contributions dealing with outstanding administrative and supervisory questions in these fields.

State school officers who are struggling with the issue of free textbooks, the subsidizing of special schools or departments, the certification of teachers, the basis for the distribution of school moneys, the inspection and standardization of schools, the erection of modern buildings; city superintendents who are studying the distribution of subject matter by grades, the time limit of subjects by grades, the preparation of a

salary schedule, the means to be used in rating and promoting teachers, the relationship that should exist between a school board and the superintendent, the wider use of the school plant, the grading and promotion systems in vogue; high-school principals who are attempting to reorganize their schools in the light of shifting social demands, who are attempting to differentiate, interpret, adjust and extend their many curriculums, to provide supervised study, and to direct the social activities of the school; supervisors who are interested in improving their teachers in service and who wish to employ units and scales for measuring educational results; and rural school superintendents, confronted as they are with a multitude of complex problems, all these are expected to be professional readers of such a journal.

An editorial department and the section on books will be features of the journal. Charles Hughes Johnston is managing editor.

THE JOURNAL OF PARASITOLOGY

The first number of the *Journal of Parasitology*, a quarterly devoted to medical zoology, was mailed from the University in September. This new publication has an editorial board of twelve of the most prominent American parasitologists, representing the U. S. Army medical corps, the U. S. public health service, the U. S. department of agriculture, the Dominion of Canada, the Universities of Nebraska, California, Pennsylvania, Wyoming, North Dakota, Cornell, Harvard, and Illinois. Professor H. B. Ward has been chosen manager editor of this publication which finds such broad support throughout the country. It is evident that in selecting the editorial board an attempt has been made to insure an adequate representation of the diverse aspects of the field of animal parasitology, including the purely morphological, the economic, the

medical, and numerous other interests. More than twenty of the most widely known foreign parasitologists have consented to become collaborators.

An announcement in the first number of the *Journal* justifies the addition of another publication in the field of zoology as follows: "Such a journal is clearly demanded by the increasing amount of work in this field, the growing importance of the subject in its broader aspects as related to disease in man and other animals and the intense biological interest in associated theoretical problems, together with evident advantages of a representative publication and the lack of adequate opportunity for printing such papers elsewhere." The two numbers that have been issued to date contain sixteen articles by fifteen contributors, dealing with practically every general phase of the science from pure morphology in the various groups of animal parasites to practical methods of preventing infestation. Of these sixteen articles three of them are contributions from the parasitological laboratories of the University of Illinois. The *Journal* aims to bring new discoveries in this field to the attention of its readers with as little delay as possible by giving preference to shorter articles and research notes.

THE 1916 ILLIO

The observer need not go back many years to find the *Illio* a booklet instead of a book. The development of the volume has been most noticeable for the last 6 years, although the literary growth has not kept step with the progress toward corpulence. The tendency toward a fat and uninteresting old age may have to be checked ere long by giving some of the articles more strenuous workouts before admission to the pages.

Essentially, however, the *Illio* is a big picture book. Printed matter, aside

from tabulated lists which are outside the literary field, is not much used except in the roast section.

The volume, which has 630 pages and is copyrighted, begins with two memorial pages with pictures of Mrs. James and Mr. Guild. A purple and green conception of the future University follows. Then come several pages of summer-time pictures of the campus and buildings. Two pages are devoted to President James, two to the trustees and two to the Council of Administration. The dozen members of the Council are the only faculty people mentioned in the book. Only a few years they were all listed. The Chicago departments are not represented.

Pictures of seniors and notes of their achievements occupy 74 pages. As there are eight hopefuls to the page the conclusion is that about the average stream will flow from the Urbana departments this year. However, the appearance of a student in a senior section is no guarantee that he will graduate, and some seniors worry along without being pictured there.

A bewildering succession of portrayed pages is given over to the student publications. As most of the laborers take their pay in publicity, this picture gallery is easily explained.

The dramatic, oratory, military and athletic departments do not vary much in general make-up from last year's. The fraternity pictures are mostly of the somber group variety, so reduced that recognition of faces is difficult. The fault is avoided in the sorority section, where individual photographs appear on a white background, and are large enough to see without optical help.

Honorary societies and miscellaneous clubs take up 100 pages.

The roast section forms the whipcracker of the book, as always. While

much of it is cooked over, some of it is fresh from the garden. All of it shows the mind of a student intimate with the student life of the University. Although the roast section must be enjoyed most keenly by those who know the present student world, and do not require delicacy in their fun, the reader would be a curious one indeed who would pass on indifferently to the advertisements.

The principal danger connected with a roast section is the revenge motive, the Get-it-in-for-this-fellow attitude. Although the editor says in his foreword that he has "worked on the theory that if everybody is hit, nobody could complain", he has, nevertheless, lashed some people all over the lot with a vigor that leads one to believe that something more than a desire for lively literature was uppermost. Of course it is exceedingly funny, and fun must be had somehow.

The editor of the book is S. D. Kirkpatrick. Roger Bronson is business manager.

REPORT OF THE BOARD OF TRUSTEES

The twenty-seventh report of the Secretary of the Board of Trustees of the University, covering the biennium ended last June, is a volume of 1297 pages. It contains, besides the proceedings of the Board for the two years, much information about the University including the advisory boards, officers of administration and instruction, staffs of the Library and the auxiliary scientific bureaus, summaries of students by courses and classes for the two years, financial reports, and complete lists of warrants, showing every expenditure during the biennium. The volume was edited by H. E. Cunningham, Secretary of the Board.

STUDENT LIFE

The senior class met on Mar. 18 and elected class day officers. The only contest was for the position of orator. **Officers of Class of '15** The three candidates were allowed to mount the rostrum and demonstrate their mastery of sweepstake speeches, Ingersoll's Dead Heroes being one of the offerings. The balloting that followed resulted in a victory for P. J. Nilsen.

Mr. Nilsen, whose course is electrical engineering, came to the University from Arendal, Norway. He was president of the Y. M. C. A. for the first semester, is captain of the gymnastic team, and a member of Adelpic and Mawanda.

For class poet, Pembroke H. Brown of Rockford was selected. Being a student in music, his poem should have the true touches of euphony. Brown is a Philo and belongs to Acacia and Mu Kappa Alpha.

Nellie Barnes of Urbana is class historian. She is a student in liberal arts and sciences and is prominent in athletics. She belongs to Alpha Xi Delta.

The position of secretary was given to Marjorie June. Miss June, whose home is in Belvidere, has been prominent in Y. W. C. A. work. She is a member of Alpha Chi Omega.

The class prophecy, which for years was a regular part of the exercises, is no longer given. The last appearance of a prophet was in 1912.

C. W. Bristow was elected hatchet orator at a meeting of the junior class Mar. 17.

The sorority averages for the first semester show an advance of 4 points beyond the fraternity figures, the general average for the women being 84.53 as compared with the fraternity standing of 81. Gamma Phi Beta leads this year, but is only a fraction of a point ahead of Kappa Kappa Gamma, which had first place for two years. The highest sorority average last year was 86.15. Averages of the "self-government units" or women's rooming-house districts containing at least twenty people, have also been compiled, but these are of little interest except to the girls themselves. The sorority figures are as follows:

NAME OF SORORITY	NUMBER OF MEMBERS	AVERAGE GRADES
Gamma Phi Beta.....	27	87.01
Kappa Kappa Gamma.....	31	86.78
Kappa Alpha Theta.....	28	84.94
Sigma Kappa.....	21	84.87
Achoth.....	17	84.81
Alpha Omicron Pi.....	22	84.79
Alpha Xi Delta.....	23	84.64
Pi Beta Phi.....	23	84.27
Delta Gamma.....	21	84.21
Alpha Chi Omega.....	22	83.19
Alpha Delta Pi.....	19	82.46
Chi Omega.....	30	81.84

OTHER ORGANIZATIONS

ORGANIZA- TION	NUMBER OF MEMBERS	AVERAGE GRADES
Osborne hall.....	26	83.60
Congregational house.....	11	83.02
Presbyterian house.....	19	82.38
Y. W. C. A.....	44	81.99

The fraternity averages for the first semester of 1914-'15 indicate an average of 81 per cent, as compared with 80.90 per cent for the corresponding period last year. Beta Theta Pi advances to the lead among the nationals, although

surpassed by both Iris and Acanthus, local clubs, and by three professional fraternities—Alpha Chi Sigma, Alpha Rho Chi, and Triangle. Scholarship among the professionals, however, is generally higher than the average. The figures are as follows:

NATIONAL FRATERNITIES	
Beta Theta Pi.....	83.56
Acacia	83.44
Phi Gamma Delta.....	83.18
Theta Delta Chi.....	83.07
Delta Upsilon.....	82.41
Phi Sigma Kappa.....	82.15
Delta Tau Delta.....	81.67
Zeta Psi.....	81.63
Sigma Alpha Epsilon.....	81.52
Kappa Sigma.....	81.30
Zeta Beta Tau.....	81.26
Tau Kappa Epsilon.....	81.16
Chi Phi.....	80.98
Alpha Sigma Phi.....	80.71
Delta Kappa Epsilon.....	80.69
Chi Psi.....	80.40
Phi Kappa Sigma.....	80.34
Alpha Tau Omega.....	80.08
Psi Upsilon.....	80.03
Sigma Nu.....	79.84
Sigma Chi.....	79.81
Phi Delta Theta.....	79.49
Sigma Pi.....	79.45
Phi Kappa.....	78.94
Phi Kappa Psi.....	78.78
Alpha Delta Phi.....	78.43
Kappa Alpha Nu.....	74.81
LOCAL FRATERNITIES	
Iris	84.66
Acanthus	84.21
Pi Omicron.....	83.08
Chi Beta.....	82.31
Chi Delta.....	82.01
Psi Delta.....	81.54
Ilus	81.38
Delta Omega.....	79.98
PROFESSIONAL FRATERNITIES	
Alpha Chi Sigma.....	87.38
Alpha Rho Chi.....	85.43
Triangle	83.59
Phi Delta Phi.....	83.32
Phi Alpha Delta.....	80.43

Thirty seniors and five juniors have been elected to membership in Phi Beta Kappa. The women **Phi Beta Kappa** greatly outnumber the men.

SENIORS

Laura A. Alband	Orena Farmer
Harriet J. Berninger	Elizabeth G. Fuller
P. H. Brown	C. C. Gamble
Mary E. Collom	Vera O. Gossett
Lucretia Cressy	Alta Green
Lillian D. Dole	Gertrude Haluska
Elizabeth Dunn	Lois M. Harris

F. A. Hoerner	W. O. Pendarvis
W. W. Jennings	Lenore Richards
Carrie L. McColley	Marie Savage
V. B. McMillen	Edith A. Swank
Margaret M. Mehlhop	Mary L. Trowbridge
F. H. Murray	Benjamin Wham
Roe Niver	Viola Wolfe
Irene B. Olin	Ruth E. Young

JUNIORS

E. C. O. Beatty	E. P. Hohman
Helen V. Fisher	Doris J. Holloway
	Kate Lackey

Catharine Needham, a freshman in Liberal Arts and Sciences, has the highest average of any girl in the University. Her grade is 97.18.

Certificates of honors for scholarship are now issued to all students who earn preliminary and final honors.

The new Armory was a busy place during the latter part of the winter. Go

there any afternoon, say about 3. Outside nothing was to be seen except an ice-

cream cone wagon and a boy or two trying to throw stones over the building. Neither was there anything to be heard until one opened a door and stepped in.

Inside was a pleasant confusion of sounds: the crack of baseball bats, the clamor of players, the soft biting of track shoes on the moist ground, interrupted by the re-echoing bangs from Harry Gill's starting revolver. Saucy sparrows flitted about in the vast overhead space.

Near the east end Coach Huff had his prospects batting grounders into nets and making long runs after elusive balls. G himself wandered about, his hands behind him, his thoughts apparently far away. Could one, however, share his reflections the revelation might be that Bill, the willing little outfielder, is just a shade below standard and will have to be dropped, and that Sam never will make a ball-player.

Coach Gill meanwhile scraped a line with the toe of his shoe, beckoned to a

crowd of runners, and clicked his watch. The track is of dirt, seven laps to the mile, adjoining the concrete promenade walk on the inside. "That is Henderson's brother," says an onlooker, pointing to one of the runners. "That one in the red sweater"—and everyone looks at the relative of the famous Alabam.

Meanwhile the hour of 4 arrived, along with several hundred cadets, some munching sandwiches, and the real purpose of the Armory was soon obvious. The athletes gathered up their trap-pings, boards were fitted into place over the jumping pit, the baseball nets were moved to one side. All the players made for the showers, which were curtained off in the southeast corner.

Gun-racks were unlocked, armament passed out, and the building soon reverberated with commands and the tramping of many feet. The cannoneers wheeled their piece around and fired a blank shell amid the shrieks of a bench of women visitors; and target practice went on briskly in the east end of the building. A lone drummer with a tall drum like that in the Yankee Doodle picture served as a metronome for the synchrony of the soldiers' feet. Tramp, Tramp, Tramp the Boys Are Marching, hummed an old fellow who often sits and watches the cadets.

However, now that warmer weather has come, the ball players and track men practice outdoors, and the cadets have their sham battles on the south campus. But a gusty day drives them all indoors, and the Armory holds them all.

The Ag roundup, celebrated on Feb. 27 in the Stock pavilion, is difficult to catalog. It includes

The Ag Roundup the fellowship of a smoker, the picturesque-ness of a county fair and Interscholastic circus, and in spots ascends to the dignity of a convocation. It is a-flutter with the

wind of wild-west comedy, and touched with the gentle zephyrs of wit. He who would understand the Illinois student ought not to neglect the Ag roundup.

The variety of entertainment offered may be seen from the following assortment: Talk, The Evidences of Education; Rough Riding Exhibition; Take-off on Room 702 of Ag building; Speech, Agricultural Students; Address, A First-class Fighting Man; Cock-fight; Ag Club Activities; Greased Pig Contest and Badger Fight; the European War.

Nowadays those cares that Longfellow observed as gradually disappearing are more likely to go out headlong, assisted by vigorous wallopping from the rear.

The rout was a thorough one at the Post-exam jubilee Feb. 10. From the minstrel show opening by the Ilus club to Old King Cole by Phi Sigma Kappa the buffoonery was too much for Mr. D. Care. The Phi Sigs won first prize, Tau Kappa Epsilon second and Chi Psi third. The winner, Old King Cole, was in itself of little merit but was forced into excellence by the performances of Hale Byers, editor of the *Dope-Sheet*. The remaining stage-full might better have kept out of sight. The second prize awardees, the Illiorph, was the time-tried screech on the Orpheum theatre. A moonlight background showing the campus was wildly applauded, even though the new moon was rising in the southeast heavens.

The Building Fund, by Chi Psi, introduced the homecoming alumnus who was hurled to the floor and made to contribute; a dull "morality play" was staged by Pi Omicron; and Delta Upsilon offered Metropolitan Opera Stars in which Caruso lost his moustache.

As one complete whoop the jubilee seemed rather ordinary. The jokes were

old, and the situations older still. The year is now 1915, and we ought to be getting away from such grandpa acts beginning:

"Well, can't we have some music to-night, fellahs? Here, George, you play for us."

Illinois might well make more of the post-exam season. The jubilee is so far the only general outlet for the enthusiasm. The Friday and Saturday between the close of examinations and the beginning of registration could be given a name and be kept lively by Mask and Bauble or Student union plays, basketball games, debates, glee club concerts, and a big carnival of some kind in the Armory.

The Easter vacation began on Apr. 1 at noon and lasted until noon on Apr. 6.

The Easter Vacation

All but about eighty students held to the campus until the final class, and several decided not to go home at all.

The class in Geology 23 went on a trip to Mammoth Cave, and students in dairy courses made a tour of inspection to Kankakee and Chicago. Forty advanced students in chemistry spent their vacation in Chicago, as did twenty-five of the railway engineers. The baseball and track teams were both away on spring schedules, and eighty-one members of the University band were on their annual tour.

After a year or so of discussion the change of cadet uniforms from the old corset-fitting grays to

New Cadet Uniforms

the regular army olive drab uniform has been allowed by the Board of Trustees. The new uniform consists of a cap, adorned with the University seal instead of that of the U. S. government; breeches, coat, leggings, belt and shirt. The outfit is

more comfortable and looks better than the old. The band uniforms will remain unchanged.

Freshmen will be required to wear the suits next fall, but sophomores owning the old outfits will be allowed to retain them. Thus a mixture in dress will be evident in 1915-'16.

—

Some increase in the size of the cadet regiment is indicated by the addition of two student assistants in military science. There are now ten of these assistants.

Illinois won unanimously from Wisconsin in the home contest of the spring debates on Mar. 26,

Illinois Debating

but was defeated two to one by Michigan at Ann Arbor. As

Michigan beat Wisconsin the Gophers stand first and Illinois second in the State University Debating League. The league is composed of these three universities.

The question was: Resolved, That in anti-trust legislation, labor unions should be exempt from construction as a combination in restraint of trade.

The fall debates were in the Central debating circuit of America, which includes Illinois, Iowa and Minnesota, and were held on Dec. 11. The Illini lost both contests. The record for the season is one debate won and three lost. In 1913-'14 it was two won and two lost. In 1912-'13 the debaters lost all four meets, but in the years previous to then the percentage ran about as it is now.

PARAGRAPHS

BETWEEN HALVES the Glee and mandolin club went to Kankakee to give a concert Feb. 5 in the Renington theatre. A dinner and dance were given afterward. The Kankakee Illini club was organized at the time.

THE *Daily Illini* staff enjoyed its first annual banquet Mar. 25. Reporters, editors, counter-jumpers and trustees united in a good meal and the accompanying gabblement.

OVER 200 STUDENTS asked to have their Easter vacations extended. Eighty petitions were granted. Sail on, silvery moon.

OFFICERS of the Sophomore class find difficulty in getting the members to pay their dues. The pinch comes from the fact that there were no contests in the last election. The difficulty in collecting dues is, of course, as old as Ridpath's history.

A FIRE IN THE SOUTH NEIL ST. business district of Champaign on Mar. 17 destroyed the Illinois building, a grocery store just south of it, and almost the whole front of the block on the opposite side of the street. For a time it was feared that the Flanigan-Pearson building, in which the entire edition of the *Illio* was awaiting the bindery, would burn also, but the blaze was checked.

IN THE SEMESTER examinations it is reported that fifteen students took chances on nibbles at forbidden fruit either during the exams or immediately before. Twelve students were fined a semester's furlough for giving or receiving help in the tests, two juniors were permanently dismissed, and a girl who gave a false excuse for a vacation extension was suspended for one semester. Examinations aroused the usual uneasiness, some of which found expression in tirades against both the proctor and honor systems. Much earnest wind was drawn into long discussions on cribbing, the notion seeming to be that with all the care and solicitude bestowed on him, the instinctively dishonest student nevertheless had for weeks been currying up his stable of ponies, and had them in better condition than himself.

NON-FRATERNITY junior men in the University have organized a society known as Loyante with 22 members.

WOULD STUDENTS have smoking allowed on the campus if the question were put to a vote? At Buchtel college, a small institution at Akron, O., 100 students voted in favor of smoke and 100 opposed it. Yes, some of the girls voted in favor of it.

THE SOPHOMORE picnic comes on May 1. The celebration was first held last year.

THE *Dopesheet* will be edited by Hale Byers, a sophomore, now on the staff of the esteemed *Siren*. Newspapers in Garrett, Ind., will give this more space.

THE ILLINOIS UNION opera, omitted last year, will be revived on Apr. 23 and 24 as a musical comedy, *A Maid and a Myth*, in two acts. The squad of players will number about fifteen.

KERAMOS is not a new substitute for leather but the name of the first ceramics fraternity in the United States, just organized at Illinois by students in the ceramics department. The society begins with a membership of 14.

IN THE YEAR ended Dec. 31, 1914, men students working their way in the University were paid \$117,154. Over 500 are now doing odd jobs to meet the cost of education. The total earnings are reported by the Y. M. C. A. to be twice as much as last year. Clerical work in University offices is the main source of the earnings.

THE Y. W. C. A. Employment Bureau reports that 170 girls have received \$2,545.63 this year for work done to help pay expenses for their education. Housework, stenography and other clerical work have been the most used.

WERE SOME former editor of the *Illinois Magazine*, say C. C. Van Doren, '07, to settle down for an evening's perusal of a copy he would at first look for the editorial page to see whether the magazine had been consolidated

with the *Siren*. The *Illinois Magazine* still prints stories, but it attempts also to be a magazine of current events, and flirts with humor. It but faintly resembles the periodical that the old English club, the founder, intended it to be.

PERSONAL

1915 Paul M. Smith, *ag*, who has completed the requirements for graduation, has been appointed instructor in agriculture and physiography in the Champaign high school. He succeeds F. H. Kelly, who resigned.

1915 Morris M. Wells, who is to take his Ph.D. degree from the University in June, was married on Dec. 22 to Edith L. Bradley. Both are graduates of the University of Chicago. He has been appointed instructor in zoology at the University of Chicago, beginning with the autumn quarter.

1915 Arthur A. Odell, president of the Illinois union, attended the conference on student government held at the University of Michigan on Mar. 26 and 27. He reports that practically all student unions except the one at Illinois control the honor systems in their respective colleges.

1916 Jack Watson, captain of the 1915 football team, is president of the Y. M. C. A. for the second semester. Professor I. O. Baker, '74, was reelected treasurer.

1916 Y. K. Wong, president of the Chinese students club at the University, gave an illustrated lecture on China Mar. 12.

1916 Ralph R. Wagner was married to Louise McCormack Jan. 2 at Pontiac. They are at home in Portage, Wis., where he and his father are in business.

1916 Irene Liggett has been elected president of the Woman's league.

OBITUARY

HOWARD JEAN BURGER, ex-'14

H. J. Burger, ex-'14, died on Mar. 2 at Woodstock, after a year's illness from

tuberculosis. The funeral was held on Mar. 4 at the home of his grandmother in Woodstock. His parents died several years ago.

Mr. Burger attended the University for three and a half years, withdrawing last spring. As a student journalist he served on the *Illini* as reporter and associate editor. He belonged to Sigma Delta Chi and Alpha Delta Phi.

ATHLETICS

TRACK

Mar. 13—Illinois 62; Northwestern 23
Mar. 20—Second place, Indoor Conference
Apr. 3—Illinois 51; California 71

The defeat by California Apr. 3 was not unexpected, although the fans grew more confident upon hearing of Mason's recovery from his injury and that he would be able to compete. He performed up to expectations, defeating two California men by over 200 yards in the time of 9:50.3-5. Gantz won the mile in 4:32.3-5. Adding to these victories the 120 yard hurdles by McKeown, the 220 hurdles by Ames, the half mile by Tapping and the pole vault by Schobinger, and the total of Illinois firsts is complete. The Illini as usual were strong on the track but failed in the field. No records were broken, as the new track was decidedly slow.

Aside from the record aspect, the meet was more than of usual interest. It dedicated the "Oval", the new California athletic field which has cost \$80,000 and eight years of work; and it was the first instance of a middle-west or eastern college team going to the Pacific coast for competition. The summaries:

220 yard dash—Won by Stanton, California; Hohman, Illinois, second; Arndt, California, third. Time, :22 1-5.

Hammer throw—Won by Shattuck, California; Coolidge, California, second; Lansche, Illinois, third. Distance, 160 feet 2 inches.

High jump—Nichols, California; Maker, California; and Brodway, California, tied for first place. Height, 2 feet 10 3-4 inches.

Shotput—Won by Lockhart, California;

Schobinger, Illinois, second; Shattuck, California, third. Distance, 42 feet.

Pole vault—Schobinger, Illinois, and Gibbs, California, tied for first place; Culp, Illinois, third. Height, 12 feet 1 inch.

Broad jump—Won by Maker, California; Carter, Illinois, second; Bradway, California, third. Time, 4:32 3-5.

100 yard dash—Won by Stanton, California; Hammitt, Illinois, second; Hohman, Illinois, third. Time, :10 2-5.

120 yard hurdles—Won by McKeown, Illinois; Preble, California, second; Ames, Illinois, third. Time, :15 4-5.

440 yard dash—Won by Todd, California; Goelitz, Illinois, second; Straub, California, third. Distance, 22 feet 10 1-2 inches.

Mile run—Won by Gantz, Illinois; Burgess, California, second; Wright, Illinois, third. Time, 4:32 3-5.

Two mile run—Won by Mason, Illinois; Taylor, California, and Vedder, California, tied for second place. Time, 9:50 3-5.

880 yard run—Won by Tapping, Illinois; Cuendette, California, second; Gantz, Illinois, third. Time, 2:01 1-5.

220 yard hurdles—Won by Ames, Illinois; Knapp, California, second; McKeown, Illinois, third. Time, :26.

One mile relay race—Won by Bradway, Woodruff, Straub, and Todd of California. Time, 3:29.

Some of the glory that was Gill's congregated around Chicago Mar. 20 in the indoor conference meet at Evanston. The Maroons won, collecting 37 points. The Illini rattled in second with 25; Northwestern third, 22½. Wisconsin, Purdue, Minnesota, Indiana and Ohio were the trailers. Although Coach Gill had predicted a defeat, nobody believed him. No team had defeated the Illini for so long that competitors began to decline with thanks to be put to rout. As a result the team had had no competition this season except in a runaway with Northwestern. The absence of anything to beat or even try to beat must of course have its bad effects. It is also pointed out that we lost by graduation last year such champions as Sanders, Cortis and Hunter. Alabam Henderson is also absent. The real coach, however, is not greatly concerned about the passing of good men. His business is to take what comes and make winners out of them.

The indoor season has been something like the one last year, when only two meets were held. The paucity of competition then, however, was due to the scarlet fever scare. The Illini won the indoor conference, Wisconsin being second and Chicago third. It is especially relishing to repeat this now.

Second place in an indoor conference sounds unfamiliar, but Coach Gill's team, unseasoned by competition and put against Chicago's best in years, could not deliver the points. The Maroons won, 37¾; Illinois, 25¾; Northwestern, 22½; Wisconsin, 14; Purdue, 5; Minnesota, 5; Indiana, ½; Ohio, 0. The quarter mile record of "Kink" Sanders, '14, was lowered to :52 by Dismond of Chicago. Mason of Illinois ran the two-mile in 9:45½; breaking the conference record by 14½ seconds, although he ran almost the entire distance with one shoe. The third record to snap was in the mile run, won by Campbell of Chicago in 4:29. Illinois excelled in the pole vault, 60 yard high hurdles and two mile.

BASEBALL

Apr. 2—Illinois 13; Mississippi 2
Apr. 3—Illinois 9; Mississippi 4
Apr. 5—Illinois 16; Tulane 1
Apr. 6—Illinois 9; Tulane 0
Apr. 7—Illinois 7; Alabama 0
Apr. 8—Illinois 5; Vanderbilt 1

Reports from Dixie have been that the progress of G. Huff and his nine through the southland was almost a march of triumph. Gunkle, Davis, Hill and Halas did the pitching, Gunkle holding Alabama to a no-hit game. Last year on the southern trip the nine won only two out of five, and tied one. Then the team had only four veterans, whereas this year all of the nine and then some have seen Illini service. The most uninformed of fans can see that, as last year's team with all its faults became champions, this year's can surely go and do likewise. But the other conference

teams are strong this year too; in fact the indications are that the baseball crop is to be a bumper one, and that no just tolerable teams will have much chance.

The men taken on the southern trip were Captain Cogdall, 2b; Bane, 1b; Clark, ss; Krebs, 3b; Arbuckle, 1f; Graves, cf; Rush, rf; Bradley, c; Stiles, utility; Gunkle, Halas, Davis and Erickson, pitchers.

Capt. Slip Cogdal, '15, is one of the smallest second basemen who ever got into a suit at Illinois. Like all of the Illini baseballists, he began playing in his sophomore year, and was also on the sophomore class team.

Both Gunkel and Halas, last year's pitchers, are urged on by the excellencies of Hill and Davis from the 1914 freshman varsity. Jack Bradley, catcher in 1914, doubtless will stop any throws brought forward this year.

C. R. Light, ex-'13, a member of the team in 1911 and 1912, has been practicing with the team. Nig is an excellent infielder, and used to arouse the fans with his underhand whips to first. He was the successor of Shorty Righter, '10. Light will graduate in June.

SWIMMING

Feb. 12—Illinois 39; Wisconsin 19
Feb. 20—Illinois 25; Cincinnati 27
Feb. 27—Illinois 30; Chicago 28
Mar. 13—Illinois 22; Northwestern 36
Mar. 19—Third place in Conference

Baseball, football, basketball and track are the staple winners at Illinois. The comparatively mediocre record of the swimmers may not appear favorable in such fast company. However, the aquators did better than last year. Chicago was defeated, which of course goes a long way, and the score was doubled on Wisconsin. The Cincinnati meet was lost by mere bubbles. On the other hand, the Illini lost to Northwestern by a more disastrous score than in 1914, and occupies third place in the Confer-

ence instead of second. The quality of the work by all of the teams was better this year than for many seasons.

The Conference meet at Evanston on Mar. 19, in which three records were broken, was won by Northwestern, 37; Chicago, 22; Illinois, 17; Wisconsin, 12. The Illini were able to take but one first, that being the plunge by McDonald. All of the other points were from seconds and thirds. Northwestern also won in water basketball.

An interesting marine view for the last few weeks has been the efforts of students in P. T. to work off their swimming credits. No student is given credit in P. T. nowadays unless he can swim at least fifty yards. If he fails to go the distance he must enroll in a swimming class and practice a while.

BASKETBALL

SEASON SUMMARY

Points by Illinois.....	295
Points by Opponents.....	164

WHAT THE PLAYERS DID

	Goals	Free Throws	Total
Williford	42	50	92
Ralph Woods.....	52	14	66
Bane	62	1	63
Ray Woods.....	48	48
Alwood	18	18
Duner	6	6

FREE THROW RECORD

Williford	50 out of 85
Ralph Woods.....	14 out of 35
Bane	1 out of 7

Bane led in field goals, securing 31. Ralph Woods made 26. The small total for Capt. Duner is accounted for by the fact that he played standing guard. He and Bane were the only players who were in all of the games. Ray Woods missed a half in one of the games and Williford was out much of the first part of the season on account of injuries. However, he was the only one to suffer the handicap. "Doc" Glimstedt, the trainer, brought the men through in good condition.

Although the Illini made no very

great scores, they allowed none of their opponents to make more than 19 points.

Regarding the outcome of the season the *University of Chicago Magazine* says:

The basketball championship has gone glimmering, following the football and baseball titles to Illinois The final game which Illinois won, 19-18, was the fastest, hardest, most interesting contest seen in Bartlett in years; quite as fast, old-timers say, as the games between Chicago and Pennsylvania for the national championship in the days of Schommer, Page and Falls. Fifteen seconds before time was up Illinois got in a long throw—bang! Congratulations to Urbana. On the season's play Illinois was the better team, and emphatically deserved her championship.

Five out of nine players on the Chicago basketball team this year are members of D. K. E. In 1893, seven of the eleven baseball men were Dekes. Turning to Illinois, we find that Duner, Williford and Alwood of the regulars and Otto and Clark of the squad are members of Delta Upsilon. Only an idle comparison, Mr. Scarehead. No cause for alarm. Women and children to the boats first.

Ray Woods was elected basketball captain for next year at the annual banquet given by Coach Jones.

GYMNASTICS

WRESTLING

Feb. 20—Indiana defeated by Illinois

DUAL MEETS

Mar. 5—Illinois 674; Wisconsin 851

Mar. 26—Illinois 1097½; Chicago 1122½

Apr. 10—Third place in Conference

Gymnasium sports have attracted somewhat more attention this year than last, and although the teams have not been eminently successful as point-winners they have lost only after close contests. Coach Evans has done well with the wrestlers; they have been a little ahead of the gymnasts. Gymnastics being still a minor rather than a major sport at Illinois, the classification remains with tennis, golf, etc. Of interest is the fact that the wrestling coach was Walter Evans, welterweight champion. He remained at the University during January, February and March.

The privilege of wearing the I has been extended to gymnasts, wrestlers, tennis players and members of the rifle team. This makes a total of ten sports now recognized at the University by the awarding of the I.

THE ALUMNI

OFFICIAL NOTICE

COUNCIL REPRESENTATIVE

The term of office of the following group representatives on the Alumni Council expires on May 1:

'76-'80, F. I. Mann, '76, Gilman

'91-'95, C. A. Kiler, '92, Champaign

'06-'10, A. H. Daehler, '08, West Lafayette, Ind.

Nominations for their successors, to serve three years, will be announced on May 1. Each nomination is to be made by at least ten members of the Association belonging to the class group the nominee would represent, and should be sent to the Secretary of the Alumni Association, 109 University Hall, Urbana, before May 1.

FRANK W. SCOTT, Secretary.

THE ALUMNI AT COMMENCEMENT

The alumni part of the Commencement program is going to be the best in years, according to the present activities of class secretaries and committees and the interest shown in general by the alumni. The lawn festival to be Monday afternoon was so well liked last year that a still better one, both in opportunities for enjoyment and in attendance, is expected this year.

The period from 1890 to 1900 will receive special attention this year, as the Gregory period did last year. Various pictures and other exhibits of mementos relating to the decade will be shown in the Woman's building Monday evening. At this time Dean T. A. Clark, '90, will give an address on Professor S. W. Shattuck.

The alumni convocation Tuesday morning will include the usual roll call and annual report. The conference on the service of the University to the state

in the fields of agriculture and business is something new, and promises to be of unusual interest and value. President James and several other men of national fame will speak. The conference will be continued in the afternoon.

The alumni dinner comes at 12:30 Tuesday in the Woman's building. Eating, music and no speeches will characterize the gathering.

NOTICE—A BANNER TO THE CLASS WITH THE LARGEST REPRESENTATION

Is your class going to be the best represented one at the June reunions? Remember that a banner will be given to the class having the most members out at the lawn festival Monday afternoon, June 14. Will you stand idly by and see a rival gang walk off with this trophy?

The committee in charge will also provide badges for every member of the winning class.

ALUMNI ON THE PACIFIC COAST

Illini in Seattle, Tacoma and other Washington districts who are attached to the Puget Sound and the Puget Sound alumni association, gathered in the rooms of the Tacoma commercial club and chamber of commerce on Mar. 20 for the annual banquet. Forty-five people fringed the tables. Thirty-four were alumni of the University.

The brothers and sisters not only ate—and the banquet was extremely eatable—but they also talked, inspected a trunk-full of mementos owned by Dr. Oliver, enjoyed the lantern lecture—A Half Hour at Illinois—enjoyed the movies of the Chicago and Wisconsin games, and elected officers. H. H. Harwood, '13, of Seattle was put into the

presidency; S. Foster Bullard, '86, of Tacoma, was made vice president. For secretary, Hannah A. Westhold of Seattle was chosen. As Harwood was already president of the Seattle association the supposal is that it has been absorbed by the Puget Sound organization.

The collection of mementos shown by Dr. Oliver was on exhibition at the Gregory reunion last June, and was shipped back to the coast especially for the Puget Sound meeting.

The following alumni were in attendance:

Elizabeth M. Dunn, ex-'14	W. T. Butler
Bess Byers	John E. Shoemaker, '03
Fenimore Schwartz	Gertrude L. Elliott, '13
H. H. Harwood, '13	W. F. Oliver, '76
J. H. Gordon, '01	H. L. Reynolds, '85
F. G. Remann, '01	John N. Todd, '12
E. E. Bullard, '06	Harriette Wray, '05
Ralph A. Horr	W. B. Chandler, '76
Irwyn H. Hill, '99	Mary Hubbard, '13
R. S. Hawley, '07	S. Foster Bullard, '86
Harry W. Bringham, '04 ex-'82	Florence B. Currie, '06
C. E. Bogardus, '83	Edward A. Dieterle, '04
Edith Page Bennett, '00	Earl N. Dugan, '06
Dr. W. Ray Jones, '10	R. S. Drury, '03
B. H. Crowder, '13	Dr. Elwin Brown
Amanda Westhold, '03	Dr. E. O. Houda, '84
	R. J. Davis
	Delia Bringham

Ella U. Barber, '84, secretary of the Golden Gate alumni association, has been the most active of the western Illini in the attempt to secure a room or at least a corner in the Illinois building at the Exposition that the alumni might call their own. The plan for a tea room was not realized, and efforts to have at least one attendant for the register failed. Most of those who register are not alumni, and those who are often fail to give their local addresses. A list of the Illini living around the Bay is kept in the building, and it is hoped that this will be freely consulted. Miss Barber in behalf of the Pacific coast alumni thanks all Illini who have offered suggestions and other help, and regrets that the Illinois room plans have not resulted better.

The Golden Gate people have been on the watch constantly for Illini visitors. Commissioner A. N. Abbott was the first to appear. J. O. Davis got busy with the telephone and rounded up a gathering of '84s and '85s at his home. Mr. and Mrs. W. H. Stockham and Kate Clark reported next, followed by Mr. and Mrs. Horne (Mary Tracy Earle). Miss Barber declares they all had the time of their lives.

On Mar. 31 the Illinois track team was entertained at a reception in the Carleton hotel.

Alumni of Portland, Ore., enjoyed a meeting on Mar. 30. The Half Hour at Illinois lantern lecture was given, but the motion picture films, which had been exhibited in Seattle and Tacoma, could not be had in time. C. C. Rich, '06, was in general charge of the meeting.

Alumni in Tacoma announce that a headquarters bureau has been established at the office of Bullard and Hill, architects, 622 Provident bldg., for all visiting alumni during the present tourist season. A register of all visitors will be kept and a hearty welcome extended. A plat showing the names, addresses, telephone numbers and occupations of all the resident alumni has been prepared, and is kept handy for reference. Information about things of interest to be enjoyed in and about Tacoma may be had by addressing a postal or letter to headquarters or by calling there in person. A lively representation of Illinois lives in this City of Destiny. The Tacoma alumni get together regularly for luncheon at the Rhodes Brothers tea room the last Friday of each month.

ALUMNI IN THE LEGISLATURE

Nine graduates and former students of the University are members of the forty-ninth General Assembly, now in

session. In the Senate are Richard J. Barr of Joliet; Walter I. Manny, '90, of Mt. Sterling; Clayton C. Pervier, of Sheffield; and F. Jeff Tossey of Toledo. In the House are William J. Graham, '93, of Aledo; William P. Holaday, of Georgetown; Simon E. Lantz, of Congerville; Clifford Quisenberry, '00, of Lincoln, and Arthur Roe, '00, of Vandalia.

REFLECTIONS ON BOWLING BALLS

'Tis a great trial to write up a bowling match. First, a bowling ball is about as romantic as a bowl of soup. Second, a bowling contest has few Mt. McKinleys of interest. It's one level plain, over which the reader may gallop until his head aches and never see anything striking enough to stop for.

[The preceding ¶ is for the general public. Beginning here, St. Louis Illini may read also.] The St. L. five defeated the Washington university's 2356 to 2150. The Illinois men were Stokes Webb, T. Davis, Cy Willmore, Hueckel and Buckingham. The Illini scrub team beat the Washington seconds 2010 to 1891. [No more of these small scores. They are likely to be mistaken for classes.]

Wisconsin alumni are in for the next drubbing, after which an alumni club league is to be formed.

On Mar. 30 the St. Louis rollers went to Granite City. We almost forgot to say that on the 29th the club joined in the college club night celebration at the Olympic theatre. But hold—a late message has it that Apr. 5 was the date. Fortunately this is a loose-leaf article.

President Rowland announces the following committees for the year:

MEMBERSHIP

H. F. Merker, '98	Comfort S. Butler, '09
P. K. Johnson, '09	John W. Thomsen, '10
Louis Buenger, '10	O. M. Henn, '12
C. P. Levis, '10	E. B. Nettleton
Randolph Eide, '10	Ray C. Hoffman
Walter Roman, '12	Eugene P. Bradley, '12

ENTERTAINMENT

John W. Goodwin	R. Stokes Webb, '14
L. E. Mier	C. C. Willmore
Dean Chase, '14	

PUBLICITY

Arthur H. Ogle, '13	Andrew B. Remick
Ray C. Hoffman	

FUTURE ILLINI

Louis E. Fischer, '98	T. F. Davis
C. A. Fairweather	R. W. Siler, '03
"Jimmy" Cook	E. P. Bradley, '12

The annual banquet of the club was on Apr. 17. Dean Kinley and Coach Zuppke were invited to attend as the speakers of the evening.

Weekly luncheons are now on Thursdays, 12:30 P. M., at the Majestic hotel, 11th and Pine sts. The club sends out postcard invitations, headed *Ever Boost for Illinois?*

KANSAS CITY HEARS J. M. WHITE, '90

The fifteenth annual dinner of the Southwestern alumni association was held at the Coates house, Kansas City, Mo., on Apr. 9, beginning at 7 P. M. Professor James M. White, '90, was the guest from the University. Professor White is the author of the approved plan for the campus of the future and is more familiar with the building plans of the University than anyone else. He gave an illustrated talk on The University of the Present and the University of the Future. Some of the slides used in the general Association's lecture, A Half Hour at Illinois, were used.

A DELEGATION OF SOIL ADVISORS

Ten graduates of the University are now employed as county agricultural advisors in various parts of the state. The list follows:

COUNTY	ADVISOR	POSTOFFICE
C. J. Mann, '04	Bureau	Princeton
C. H. Oathout, '07	Champaign	Champaign
W. G. Eckhardt, '05	DeKalb	DeKalb
L. W. Wise, '04	Iroquois	Watseka
J. E. Readhimer, '04	Kane	Geneva
I. S. Brooks, '08	LaSalle	Ottawa
D. L. James, '09	McHenry	Woodstock
Henry Truitt, '11	Peoria	Peoria
E. T. Robbins, '00	Tazewell	Washington
F. C. Grannis, '10	Will	Joliet

OBITUARY

DANIEL MACKAY, EX-'72

Daniel Mackay, *lit*, accidentally shot himself while out hunting late in January. His home was in Carroll county. He was 64 years old and quite wealthy.

T. S. ELLISON, EX-'74

T. S. Ellison died on Jan. 15 at Fort Myers, Fla., where he had been on account of poor health. He was buried in Monticello, Minn., his home town, on Jan. 22.

EDNA MAY HAWLEY, '03

Edna May Hawley, '03, died at Salem, Ore., about the middle of March. She had been librarian of the Oregon supreme court since 1909.

Miss Hawley was born Jan. 16, 1878, at Chicago, and received her early education in the Englewood high school. She attended Oberlin college from 1896 to 1898 and Northwestern from '99 to 1901. After her graduation from the Library School of the University she served as cataloger for the Wisconsin free library commission. In 1904-05 she was in the La Crosse public library, and later took up the work in which she was engaged at the time of her death.

She was a member of the Illinois state library association, of the American association of law libraries, and of the American library association.

ELIZABETH WEBBER, EX-'04

Elizabeth Webber of Urbana died Mar. 30 at Battle Creek, Mich., after but a few days' illness. She had accompanied a party of Urbana people to Battle Creek, and became suddenly ill.

She was born in Urbana Sept. 12, 1881, and graduated from the Urbana high school in 1899. She entered the University in 1900 and remained two years as a student in music. She has long been prominent in Urbana as a singer, particularly as a member of the choir in the First Baptist church. Alumni will remember her as a clerk in the Craig jewelry store—a position she held for several years.

Miss Webber is survived by her mother and by the following sister and brothers: Miss Anna Webber, at home; George W., and Charles of Urbana, Burke Webber of Champaign, David of Clarksdale, Miss., and Clay Webber, ex-'00, of Rantoul.

The funeral was held in the First Baptist church of Urbana on Apr. 1. Interment was in Mount Hope cemetery, Champaign.

GLADYS JOHNSON (FLANDERS), EX-'14

Gladys Johnson Flanders died on Feb. 22, 1915, at Chicago from the effects of an operation. She was the wife of Paul Flanders, ex-'11, and while in the University was a student in music.

NEWS OF THE CLASSES

When you have a new address, position, wife, or child, notify the editor. Announcements sent to friends may reach the *QUARTERLY*, but probably will not. Mail your information direct, unless your class has a secretary; in any case please make sure that the *QUARTERLY* is kept in touch with you.

1872

C. W. Rolfe, 601 east John street, Champaign, Illinois, Secretary

1873

Fred L. Hatch, Spring Grove, Illinois, Secretary

Charles I. Hays of Denver, Col., regrets his inability to get back for the annual reunions of the older classes. "Each year," he says, "there are fewer of my old companions left, and although I was in the University from

1869 to 1881 there were less than 100 whom I knew at the reunion."

"Having recently closed, by preference, my work in the Logan View Presbyterian church, Laurel, Nebr., writes C. P. Graham to the Secretary, "my wife and I (our family) moved to this city [Omaha, Nebr.] on Mar. 1. . . . We fully expect to do some sort of work so long as we can work at all, even though our average age is now more than three score and ten. . . . We have a comfortable modern house, only two blocks from a streetcar line, and not far from the site chosen for the Billy Sunday tabernacle next September. . . . For a while, at least, I expect to, do general missionary work in Omaha, while my wife visits her relatives in Chicago." Mr. Graham was the first alumnus of the University to enter the ministry.

1874

Mrs. Alice Cheever Bryan, 508 south Fourth street, Champaign, Illinois, Secretary

Since the last *Quarterly* a card of greeting has been received from Mr. and Mrs. J. L. Pierce of Lincoln, Nebr.

A long letter from C. P. Jeffers of Swampscott, Mass., tells of extensive improvements on his street in making it a boulevard. He has also completely remodeled his business building. He is as eager as ever to be host to Illinois friends. He mentions the visits last summer of the Rofles and Dunlaps. He was very much pleased over Illinois athletics and wishes that the Illini might meet Harvard.

George A. Story of San Luis Obispo, Cal., has two daughters, one preparing for high school work at Berkeley, and the other studying osteopathy. He does not take the *Quarterly* because he has been away so many years he fears he would not understand enough to make it interesting. Still he is eager to hear news of old friends. He had recently

met Mrs. Margaret S. Robbins of Los Angeles, who told him about many of the campus changes.

[The oldest living member of the oldest class is not so far gone as to fail to get two dollars' worth out of the *Quarterly*.—Ed.]

Panigiottis Gennadius, late minister of agriculture to Crete, has just published a dictionary of the flowers of Greece, a copy of which is in the University of Illinois Library. His address is now Athens, Greece.

Ella Baker (Willard) is living in Los Angeles, Cal., 123 E. ave. 43. Her father, Professor William Melville Baker, was the first professor employed by the University. He taught English from the opening of the institution to the time of his death in 1873. "Both my sisters," she says in a letter to Dr. Burrill, "are living in Oakland, although Genevieve (Mrs. Lynch) is now visiting in New York. . . . My three eldest children are married. My youngest daughter is teaching in this city, having recently completed a domestic science course at Santa Barbara. . . . I have written a little—not much for publication. . . . For many years my husband has had trouble with his sight, and I have had to be eyes to him. . . ."

Mrs. Willard concludes her letter with the following poem:

So little made us glad when we were young!
When blackbird whistled, when the linnet
trilled
For us alone. For us the sunshine spilled
Its wine of gold, and skies above us swung
Their fleets of cloud-ships; and the still night
hung
Her lamps of stars, while silver moonlight
thrilled
Our childish souls with wonderment, and
filled
Us with mysterious dreams—when we were
young.

So little makes us glad as we grow old!
We face the glories of the sunset sky
And still rejoice to see cloud-ships sail by.
The best of all that earth can bring, we hold;
For love doth bring us daily store
And walks with us. How can we ask for
more?

T. S. Ellison died on Jan. 15 at Fort Myers, Fla. He was buried at Monticello, Minn., Jan. 22.

1875

George R. Shawhan, 606 east Daniel street, Champaign, Illinois, Secretary

[The prospect of a live reunion in June for this class is about as good as that of a Democratic politician in Chicago this Spring.—Ed.]

1876

Frank I. Mann, Gilman, Illinois, Secretary

[Members of '76 should look at '75 as a warning for June, 1916.—Ed.]

1877

Mrs. Emma Piatt Llewellyn, 334 Sixth avenue, LaGrange, Illinois, Secretary

Dr. Julius Garst was reelected in November to the Massachusetts state senate from the first Worcester district. He formerly was a member of the house of representatives. Dr. Garst is proprietor of the Phenyto-Caffein co.

1878

Mrs. Mary Larned (Parsons), 803 south Central avenue, Chanute, Kansas, Secretary

I sent a two-page letter to each member of the class and a separate slip on which to write on any or all of the following topics: Deaths, marriages, birth of children, changes in occupation, changes in address, books or articles published (subject, time, place), inventions or discoveries made, or notable pieces of work performed, election or appointment to office, civil, military, scientific, literary, honorary. Several answers have been received.

N. B. Coffman has the following to say in commenting on the various subjects:

1. None.
2. I am married and my wife is, and so are all of my children.
3. Daughter born to my son Daniel and wife a week ago Tuesday. My first granddaughter. Have five grandsons, all living nearby. My son Daniel is now assistant cashier in the bank, Coffman, Dobson and co.

4. My occupation in the bank never changes, but it is rather various outside. Have a beautiful herd of full-blood Jersey cattle and am now carrying on farming operations and doing a few other things on the side.
5. Never expect to make any change until I am transported higher or lower.
6. Making addresses now and then.
7. None.
8. None worth mentioning.

Hope to see some of my classmates this summer. I am on all of the five Northern transcontinental lines. Anyone passing up and down the coast between Portland and Puget Sound must pass through Chehalis. Please ask all alumni to stop and visit me. Whenever you see or write to any of our classmates give them my best wishes.

My letter addressed to Nettie Culver (Mrs. A. C. Ellison) at Minneapolis, Minn., was returned to me, endorsed "Not at Library for many years."

Fred Francis signs himself "The old one of '78." He and E. M. Burr were members of the class who, I think, helped put up the memorial clock. "The happy hours I spent in working on our clock made me feel like taking it in my arms and weeping when I climbed up to see it again," he says. "May it run many years yet; even after the last member of '78 is gone."

At a reunion dinner last year, the members of '78 who were together talked of making some future provision for the clock in case the main building should be made over or changed. We should like to have it run a hundred years, and I think members of the class would provide a fund to maintain it. It is said to be mechanically good for a hundred years if properly cared for.

E. M. Burr sent a description of his dynamometer car. He exhibited this car in Chicago at a convention of railroad supplies men, and is planning to exhibit it in Atlantic City at a convention of the railroad supplies manufacturers association on Young's Pier, in June. All alumni will be proud to see this exhibit and know that it comes from one of our ablest alumni.

Frank H. Lloyd is a real estate dealer in Venice, Cal. He writes more about other alumni than he does of himself. He mentions the death of Henry Hauser in Los Angeles last year, and speaks of Eddy O. Lee as being in Salt Lake City, Utah. "We spent the day [Mar. 20] with Mr. and Mrs. J. R. Greenhalgh. Mrs. Greenhalgh was Laura Anderson. Their home is in Dallas, Tex., but they are here to stay a year or so in Los Angeles. . . . We expect to see many of our alumni friends here for the Exposition."

"I have been in Traverse City [Mich.] for twenty-three years engaged in the practice of law," says J. W. Patchin. . . . "There have been no changes in my occupation since 1884. I have held no office except that of mayor and member of the board of education. My sister Lot-tie [Bickford] whom you will no doubt remember has been in Los Angeles for several years. For a time she was a teacher in the University [Instructor in music and freehand drawing, 1772-79]. I have two children, a boy of 25 and a girl of 19."

Mary L. Page is a teacher living at Olympia, Wash., R. R. 3. In reply to "inventions or discoveries made, or notable pieces of work done," she says, "Helped to make Washington dry." She is state superintendent of mercy in the West Washington W. C. T. U. and vice president at large. "Whatever is done for the replacing of the old clock," she writes, "please let me know my share of the expense. Our classmates at Urbana will act wisely and well in regard to it; I give them *carte blanche* to do their best."

Mrs. Page writes at length about her sister, Emma Page, who died four years ago, and quotes a tribute to her: "Her industry, zeal, ability, her excellent judgment, were invaluable. We can find no one to take her place."

1879

Judge W. N. Butler, Cairo, Illinois, Secretary

1880

Charles W. Groves, 701 west Church street, Champaign, Illinois, Secretary

[Has somebody an accelerator he would lend this class?—Ed.]

1881

Mrs. Virginia Hammet Talbot, 1011 west California avenue, Urbana, Illinois, Secretary

[And this one?—Ed.]

1882

N. S. Spencer, 401 west University avenue, Champaign, Illinois, Secretary

The address of John R. Clay is 10745 Churchill ave., Cleveland, Ohio.

1883

Judge J. F. Going, 221 Fremont street, Chicago, Illinois, Secretary

Charles G. Armstrong should now be addressed at 292 w. 92nd st., New York.

Fred D. Rugg of Champaign lectured in Joliet Mar. 15 on liquid air. Mr. Rugg spoke twice, once at the afternoon session before an audience of 1000 teachers at the Will co. teachers institute, and again at night, when the Joliet chamber of commerce was instrumental in bringing out an audience that tested the seating capacity of the Auditorium. The lecture was given through the courtesy of the Inter-Ocean casualty co. of Springfield, of which Mr. Rugg is the general agent. Experiments were given showing expansive power, and how liquid air is practically used in the hospitals of large cities. W. H. Nevens, superintendent of the Will co. schools, declared that Mr. Rugg's demonstration was wonderful of its kind.

1884

Miss Keturah E. Sim, 916 west Hill street, Urbana, Secretary

1885

Miss Charlotte Switzer, 608 west Church street, Champaign, Secretary

The secretary is busy with plans for the reunion.

1886

S. F. Bullard, 3001 south 29th street, Tacoma, Washington, Secretary

1887

Mrs. Angie Gayman Weston, 601 east Daniel street, Champaign, Illinois, Secretary

Ida Eisenmayer Scheve writes that she is always glad to hear from her friends of the old college days. Her two children Carl and Margaret are both in school and enjoying their work. She hopes that now as the slogan is "See America first" some of us will come out and take a look at the mountains around Palisades, Colo.

1888

Miss Mary C. McLellan, 706 west Park avenue, Champaign, Illinois, Secretary

Arlene Lumley, daughter of Dr. C. G. Lumley, and Nellie McLean Lumley, '88, enacted the part of Sylvia in the opera of Sylvia given by the students of the Urbana high school Mar. 12. Dorothy Lumley was in one of the choruses.

Mary Lena Barnes' address is 218 Spring st., Eureka Springs, Ark. Miss Barnes and her mother have bought a house and expect to make their permanent home there on account of the delightful climate.

F. L. Davis of New York is to be congratulated on his Illinois reunion song. It is a new departure. Heretofore we have never had an alumni song on reunion occasions. The author has kindly sent copies to several classmates.

E. W. Pickard presented a Fiji chief's war club to the Adventurers' club of Chicago Dec. 19 to be used as a peace-making gavel.

The secretary has been attending the school of religious education given this spring at the University.

1889

Miss Amy Coffeen, 4369 Oakenwald ave., Chicago, Illinois, Secretary

1890

Thomas Arkle Clark, Urbana, Illinois, Secretary

At the last minute Keene, the president of the class, sends in a letter, and I am sidetracking a whole basket-full of other letters to make room for it. These will be printed in the next *Fortnightly Notes*... Says Ed:

I have been notified by Dean Clark (formerly T. A., who used to print the Illini and drill us Co. B) that I am president of the class. This is one of the so sudden honors that I have not yet sufficiently recovered to make a proper expression of appreciation. I accept the election however and intend to send you—my dear ones—occasional loving epistles, to remind you of your neglected duties and the big doings that are to come.

This coming June marks the twenty-fifth anniversary of our graduation. Can you realize it? I certainly cannot, and yet my oldest daughter will graduate from college this spring. I am very certain that you have thought, many-a-time, of the old days and heaved a sigh—a happy one—for the memories that are to us as no other days ever were or will be.

The class of '90 has become a wonderfully important part of our lives and much as it has been neglected, it is one of our most cherished recollections. We think of its members as different from other people. They are people apart from all others; they are adopted brothers and sisters and we feel free to take liberties in addressing them.

This year we are going to get together for the meeting that we have hoped for, ever since that sweltering day twenty-five years ago, when we started out to set fire to the world. You remember how hot the day was and then how it rained so that Selim H. gave up the job of graduating us in regulation fashion, because of the noise the down-pour made on the tin roof. You remember a thousand other things too that will be a joy to talk about.

You will probably say—I'd like to very much but I really can't get away. But wait a minute.

You are not likely to have another chance to meet your class. It has taken twenty-five years to get up to this reunion and at the same rate, when another comes around, a considerable number of us will be twanging golden harps—maybe—and will most certainly not be able to get away. You might just as well begin preparations to attend the meeting, for it will end in your being there. An absolute guarantee is given that it will be the most enjoyable occasion of your life and the time has arrived when you can make the most of it. Let us hear from you. [Address him at the North Dakota agricultural college.]

The '90 reunion is just around the corner and advancing fast, but we are

ready for it. Read what some of us have to say:

E. S. Keene in writing to the secretary says with regard to his recent election to the office of president of the class: "I can not turn my forty-two centimeter guns of protest upon you, but I feel in my bones that you have simply wished this job on me. I will, however, do what I can to get the old crowd together." There is nothing to it, Ed. You were simply the popular man that no amount of wire pulling could keep out of office.

A. S. Chapman, who was well known to Illini fame in the old days, expresses himself on the reunion as follows: "Nothing short of war, pestilence, or a total destruction of the universe will keep me away. I think I have made it clear that it is my wish to be present."

Charles Beacham, who was a member of the class until 1888, intends to be at the reunion. "I have read something about it in the *Alumni Quarterly* and *Fortnightly Notes*," he writes, "and if at all possible I want to be with you, for I have only been back to the old U. of I. twice since I came to Iowa twenty-two years ago. It will be a real delight to see the boys and girls of the class of 1890 after so many years."

F. H. Clarke: "I fully intend to be present at the celebration in June, and I should like to move that Keene's election as president be made unanimous. I like White's suggestion that we make a group photograph of the class. I will send one in a few days, if I can dig one up."

Jessie Ellars says that she and Kate Kennard are going to get together pretty soon with Edith Clark, and we know that there will be something done. In these days of suffrage and women active in politics, there is no telling what will be the result of such a meeting.

Crabbs writes: "Wouldn't it be 'frab-jous' if every last one of us could get

together in the old surroundings in the very same atmosphere so that our verdant youth would stand before us. Send for Waterman, Clarkson, Gilliland, Hanssen, Keene, Thomas, Frederickson and all the rest—these with the exception of Hanssen I haven't seen for some twenty years and they may need labels."

It looks as if we might have a pretty fair reunion.

—
The secretary has been elected president of the North Central Association of colleges and secondary schools. He was formerly secretary.

1891

Glenn M. Hobbs, American School of Correspondence, 58th street and Drexel avenue, Chicago, Secretary

The years are certainly flying fast. It seems as though we are always playing with a spring poem for these columns. Two years ago John Powell did us a good turn; last year a part of the Round Robin came in and broke our muse into little bits, just after we got nicely started. And now John Chester comes along with a ripping suggestion for a first line for an epic and we are all aglow over the prospect of doing something really fine. What started all this was that the Robin, in passing through the smoke of Pittsburgh, reached John in a bedraggled condition and he, being a first-class, all-round engineer, who has also developed his cultural side, immediately thought of Poe's blackbird. We have tried to carry out his idea as follows:

"Be ye buzz-car, bird or devil,
Thou art welcome on this shore,
Are ye Prophèt? Nay, Historian,
Laden with forgotten lore—

Tales of all our '9riers,
Tales of our own lost Lenore,
.
. quips yore."

. . . We see very plainly that this situation is becoming more untenable every minute and unless we receive a reply from Poe to our C. Q. D., we shall be forced to retire in graceful confusion. . . . The Styx special says nothing doing, so here's our apology for starting something we couldn't finish.

Nevertheless we wish to record in plain unvarnished English that our messages which started their circuit on June 1, 1912, arrived April 1, 1915, and have been sent on their round again, (4 months in Joliet S.P.; 9 months in Egypt, Ill.; 3 months pickled in Salt Lake; and 2 months being mummified in New York), with the hope that the lost time, amounting to 18 months, can be eliminated on the next round. Deducting this amount, we have as the actual running time 16 months and as we have 14 months from now until the alumni reunion in 1916, it seems as though we should be able to make the circuit in time. Let everybody help it along. Perhaps if there are no untoward delays, Jay Harris can have more than 25 minutes to read the package when it reaches him.

The first of our messages which should receive attention is our long letter from Nellie Darby Pettersen which was held over from the January report. She writes under date of December 18, and from the fact that she has just returned from California we judge that she has contracted the traveling habit. She says:

"During our voyage across, even the wind and the sea were kind to a poor sailor like myself. Sailing as we did in the early spring, we visited the Mediterranean countries first, seeing in turn Madeira, Gibraltar, Italy, Austria, Germany, Denmark, Norway, Sweden and England, thus avoiding the heat of southern Europe and the storms and chill of the North, and, better still, keeping out of the war difficulties which were such a trial to so many Americans.

"Our first stop was at Funchal, that quaint old Portuguese city, with its narrow cobbled streets and curious customs. Italy was de-

lightful and surpassed our expectations. We found it cleaner than represented and the professional beggar has practically disappeared—not so, however, the man working for a tip. Naples, with its exquisite coloring and interesting surroundings; Vesuvius; Pompeii; the beautiful island of Capri; Rome, wonderful Rome, rich in its ruins of Pagan times, its beautiful churches, and its charm as an attractive modern city; Florence with its works of the old masters and its chapel of the Medici, to us the place of most exquisite beauty of all Europe; Genoa, the birthplace of Columbus; and Venice with its Bridge of Sighs, Rialto, and many other places of interest. Perhaps of all Europe there is no better place than Italy to restudy European history.

"From Italy we went through the Tyrol to Austria and thence to Germany. Nowhere did we find more cordial hospitality than in Vienna. The people are charming and seem most happy when making happy the guests within their city. Vienna is strikingly unlike Berlin. The former is an old city, mellowed by time, beautiful, gay, and hospitable; the latter, built upon a desolate sandy plain, is a practical wide-awake, modern city, full of energy and push, striving for supremacy in all lines. In Denmark also we found the European military spirit so powerful that even the cows were trained to stand in straight lines and to graze at equal distance from one another.

"One of the most delightful days of our entire trip was spent at Elsinore and Castle Kronberg, overlooking the Sound, a fortress that has played a prominent part in Danish history. Here Shakespeare tells us Hamlet lived and died. We walked upon the terrace where once the Ghost conversed with Hamlet and where now, clad in blue with gun in hand, in unmistakable language the modern Dane requested us to move on. In Norway we coasted down the mountain side in July and fished in the North Sea. It was real fish, not mines, we were seeking.

"We entered England just after she had declared war. Dear old England! how wonderful she is and how proud we were of her and what good care she took of the stranger within her borders. We were fortunate in keeping ahead of earthquake, rebellion, and general war as each came along and were able to sail from England on the very boat upon which we had engaged passage before leaving home. It was an English boat, and while it was repainted a dull gray and we sailed home with portholes covered and with top—and deck—lights out, nothing more exciting happened than the finding of two spies in the Marconi room. We came across in safety and arrived in Montreal on schedule time."

We congratulate our traveling classmate on so skillfully or accidentally avoiding the war troubles. It certainly is a trip long to be remembered.

John Frederickson passed through Chicago some time in January on his way to New York. We heard his voice over the telephone but we could not get together, as he was leaving the next day. We heard from Helen that he called upon her in Brooklyn, and understand from Gaut that he is back in Salt Lake. We have had several letters from Helen Schoonhoven, principally regarding the best way of getting the Round Robin away from Boyd. Boys, as he says in his Round Robin letter, was awfully busy with some valuable work and apologizes very gracefully for delaying the package. Helen speaks of going to the Illinois dinner on Jan. 30 in New York and found herself the sole representative of '91. She found somewhat the same thing that we always find at the Chicago meetings, that the new grads are so much in evidence that we old people find our friends few and far between.

I have had a couple of newsy letters from John Chester and we almost got together for dinner when on his last trip to Chicago on Mar. 18, but the unexpected arrival of his sister from Texas interfered. We shall hope for better luck next time. John, even then, was a little shaky on his pins on account of five weeks in a hospital in New York. John did not go into details as to what the trouble was but said that the doctor assured him that he was going to be the weldest man that ever was as soon as he recovered his full strength. Let us congratulate him on his recovery and trust the doctor is a good guesser.

Eno writes under date of Mar. 15 notifying us of the arrival and departure of the Robin. He thinks the Robin is about as large as a stuffed goose, and we agree with him, as we have already seen it with its tail feathers all in and its crop stuffed with *bon mots* from every member of the class. Eno in-

cludes a photograph of their cottage in Columbus. It looks like a very hospitable home. Eno speaks of seeing a basketball game between our University team and Ohio State and he shows the same enthusiasm for his Alma Mater, even against Ohio State, that we always felt when Illinois and Chicago came together. The first ties are always the strongest and there is never a doubt as to whom we want to see returned a winner, no matter how long our intimate contact with some other institution.

Frank Gardner wrote us on Mar. 18 from Sharon, Pa. He was spending the major portion of the week with the "Mercer County Farm Advisor," talking crop improvements at two towns each day. Gardner always seems tremendously interested in his work and is undoubtedly doing a wonderfully valuable work for agriculture in his state.

We were glad to receive a response to our circular letter from Emma Siebert. She is particularly interested with Mrs. Goff in the new home that the latter is building at 1535 Western ave., Los Angeles. When your secretary was in California last August they were talking of this and discussing plans. Evidently the realization of these plans has been all that was expected. The letter speaks of the big yard with thirty-one citrus fruit trees and of the lawns and trellises, rose hedges and everything else which in California can so easily be used to beautify the yard. We are hoping that Miss Siebert can give us a glowing report of the expositions, but so far she has not been to either one. We shall hope to hear from her again after she has attended.

Under date of March 26 we have a good letter from John Powell, but he offers nothing more exciting than a slight attack of the grippe. He discusses Memorial to some extent and we shall hope to have some definite plans before

long. He speaks of some honors which his big son has just won at the Westport high school, and we have no doubt that when John Jr. goes to Illinois in the Fall of 1916 he will make a better freshman than his father did.

There was one refreshing thing which the secretary appreciated in the Round Robin. There was a message from everybody, and that is the disappointing thing about these Alumni Reports. Some are willing to sit down and drop a note of cheer and a little item of news, but it is practically impossible to get any word from a large number of the class. We would like awfully well to hear from Boyd, Bunton, Fred Clarke, Eidman, Fischer, Gibson, Green, Harris, Maue, Anna Palmer, Peabody, Richart, Shamel, Terrill, Vail and Wallace, as we have not heard from any of these for a long while.

Nothing particularly has happened to your secretary except that he has succeeded in finishing the pressing work which so harassed him in the last report. We have gotten out two new cyclopedias, one consisting of five volumes on automobile engineering, the other seven volumes on steam and gas engineering.

Isabel Jones has been elected president of the Urbana-Champaign center of the Drama league.

1892

Mrs. Cassandra Boggs Miller, 1103 west Illinois street, Urbana, Illinois, Secretary

Agnes G. Hill, a missionary stationed at Lashkar, Cowalior, India, is one of five in a population of 3,000,000. Her work consists mostly in visiting the women in their homes.

F. G. Carnahan writes that he expects to leave Seattle shortly, and that letters for him should be sent to Urbana, Ill., 1006 w. Nevada st., the home of his brother, D. H. Carnahan, '96.

1893

E. C. Craig, Mattoon, Illinois, Secretary

The secretary has been almost snowed under with letters, although several of the class have not yet answered. The last appeal sent out consisted of two words: PLEASE write. Telegrams were also resorted to. Some of the men could not be induced to answer, and letters and telegrams were sent to their wives. Two answers were secured in this way. As many as possible of the letters are given herewith.

"Your last PLEASE was irresistible," writes R. W. Sharpe, "so here goes. . . I see Kinkead occasionally, and we have reminiscences over the old band. We both joined it in 1889, with Sandford as leader and Hobbs as chief solo cornet. I often picture to myself the old chapel exercises—the band on the platform, and the boys filing in after military rollcall in the halls. Then along came Elder and from a military band of 18 members a cornet band forty strong was evolved. Not one of the old band but remembers well the trip to the World's Fair in Chicago, and how others borrowed our uniforms for a free trip up the Midway. . . While my residence in New York city has in a measure taken me out of touch with University affairs, yet *Fortnightly Notes* and the *Quarterly* bring up many reminders of old days. . . I was married in 1907 to Jessie M. Kellogg. . . We have two fine boys, aged six and three years. Both are able to give the old yells. . . My residence in New York has been a happy one. Among my near neighbors I prize Helen Butterfield Schoonhoven, and Ward Schroeder, '06. My work as instructor in biology in one of the city high schools is very pleasant, and I have some time for hobbies—among them some scientific work. I was recently elected fellow of the American association for the advancement of science. . . You certainly deserve a monument for

your irresistible method of waking up '93."

"Friend Craig: Now just what is a fellow to write. You know from Bennett what I am trying to do now. . . My taxes are all paid. Neither Brownell, Brown or myself has broken into jail



yet. If we had you probably would have received a telegram before this. . . Let me say that I appreciate the work you are putting in on this thankless job, and appreciate how hard it is to get anything out of the boys of '93. Don't take my name off the mailing list, for, after all, the follow-up letters are welcome to me. Yours, F. G. Coffeen, Champaign, Ill."

"After leaving the University," says W. W. Danley, "I remember spending several months alternately playing tennis and looking for a job. I went into the Tennessee mountains on a railroad survey for nearly a year, and was lucky in quite recovering my health. Returning to Chicago, the next four years were spent in the city engineering offices. . . Finally I determined to become a commercial engineer. The first effort was in the production of towers and tanks for small waterworks systems, and was successful to the extent of landing contracts and town bonds not immediately salable. I next attempted to give an efficiency bath to a factory in Chicago, but we used the wrong soap. . . We found out the cost of production, however. I worked into the selling depart-

ments." With this brief introduction Mr. Danley plunges into an account of his travels over practically the whole world. He is married, has a boy of fifteen and another of nine months. He is now living in Los Angeles, Cal.

"Leave it to a lawyer to dig up information," says R. C. Vial of La-Grange. . . "I am farming—produce milk which is bottled here and distributed in our nearest town, Western Springs. Members of our family do most of the farm work—at times all of it. I wear working clothes most of the time. I put in 6000 feet of drain tile last season: dug all the bottom spading and laid all the tile myself. . . We have just finished taking out 300 yards



VIEWS ON R. C. VIAL'S FARM

of dirt from under our country church, in preparation for a basement. We are not growing wealthy, but the high cost of living does not worry us yet."

"Dear Ed," begins W. J. Graham: "I have received several letters from you and have forgotten now what it is you want me to write about. If you will let me know I will see that the letter is answered." Let's see, what was it we wanted?

E. C. McGee is still teaching mathematics in the Englewood high school, Chicago. He is also a dealer in florists' supplies, and finds the combination both pleasant and profitable. He is married and has three children, the eldest being almost thirteen. They are hardy youngsters, all in school. Mr. McGee being proverbially busy, the work of writing the letter falls to Mrs. McGee, who does the task in good order. "Walter belongs to several clubs and is a very staid churchman," she says. . . "Life has been rather generous, we feel—perhaps because our demands are not too heavy. We have our own home in the city, our circle of friends with tastes like ours, leisure to read the new books and magazines, and the capacity to enjoy the theater or a concert occasionally. . ."

Most of the letters received were rather cheerful. However, O. E. Young, who has been seriously ill for some time, was not able to conceal the fact that he is somewhat despondent. "You are interested in the sunshine rather than in the shadows of life," he says. . . "Office confinement began telling on my health as much as four or five years ago. . . I gave up newspaper work, severing a connection of 17 years duration. . . Since the death of my little son I have been dividing my time between Detroit and the farm here. . . With greetings to all members of '93, and with kind personal regards, sincerely yours. . ."

Cora Martin Gulick, wife of F. M. Gulick of Orange, Cal., takes up with vigor the writing of a sketch of her husband's activities. Being a typical

and active business man, Mr. Gulick of course would find it difficult to review his own achievements, and Mrs. Gulick does it for him. "We live on our orange and lemon ranch about a mile from town," she begins. "Mr. Gulick manages the ranch work while at leisure from the bank. He is assistant cashier of the national bank of Orange. . . We have two small sons, F. M. Jr. and Edwin, and we are very well and happy. Mr. Gulick weighs 170 pounds. He is known here as 'the Sunday-school man' of Orange county on account of his interest in reform and religious work." Mr. Gulick was in Champaign for many years as a member of the firm of the Gulick tailoring co.

"I will surely be at our reunion in June," says H. I. Carpenter, whom many will remember as a music teacher in Champaign, where he still lives and is in active work. Although entirely blind he finds his way about the campus and the Twin Cities. He worked his way through the University by teaching music and tuning pianos. "I now have over 400 instruments in charge, including 25 grand pianos and several church organs. I trust that I am well established in business for the rest of my days." Mr. Carpenter has been in Champaign since his graduation, except for five years spent as teacher in a school for the blind at Faribault, Minn.

P. M. Hucke is general manager of the Kolb coal co. of St. Louis, and also owns considerable stock in the organization. He is also president and general manager of the Ste Genevieve lime and quarry co. of Ste Genevieve, Mo. "In the fall of '93," says Mr. Hucke, "I took charge of the science department of the Champaign high school, and held this position for five years. I then resigned to accept the position I now hold. . . I have always taken an active interest in politics, but have never sought office, with the exception of one time when I

made the race for the nomination of mayor of this city and was defeated."

"I came over here to see a friend who is organizing an insurance company, the Wabash-American fire insurance co," says Louis McMains, writing from Wabash, Ind. "If I stay with this company we will still live in Indianapolis. . . . On the second of March we left Minneapolis, where I had been most of the time for the past four years, especially every summer. For seven years I was manager of the real estate department of one of the largest insurance and real estate firms in Indianapolis. Then in 1910 when they commenced organizing the Sterling fire insurance co. I helped with that. We completed the sale of that stock (\$1,700,000) in 1911. Then I went to Minneapolis with the Bankers and Merchants' fire insurance co. being organized there, and was with them a year. In July, 1912, I became associated with the Twin City fire insurance co. and remained with them until Mar. 1, 1915. . . . Birch Coffman was at our place in Minneapolis Feb. 28. He lives in Milwaukee. Ed Hunt lives in Minneapolis. With best wishes. . . ."

"I surrender," telegraphed H. F. Andrews from San Bernardino, Cal., after receiving the PLEASE write letter; "I want you for my deadbeat collector."

Oscar P. Chester suffered an attack of a cerebral hemorrhage last April, and is at present recuperating at his mother's home in Champaign. Dr. Chester is assistant professor of medicine in Northwestern university, and a member of the medical staff of the Mercy hospital.

William H. Cornell worked as a mechanical draftsman until 1900. He then became a structural steel draftsman and has followed that since. He has wandered about the country considerably, having worked in St. Louis, Chicago, Pittsburgh, Montreal and New York.

He has lived in New York and vicinity since 1906, and is engineer for the firm of Hitchcock and Keil, Boonton, N. J. On June 8, 1895, Mr. Cornell was married to Miss Margaret Burres of Benton, Ill. They have one son, William Burress, born in 1903.

Mr. Cornell says that he has associated with men from all the great universities, and has never yet had occasion to feel anything but proud of the fact that he was a graduate of Illinois.

Robert E. McCloy is practicing law in Chicago. He writes that after being admitted to the bar he helped organize a construction company, and was its treasurer and construction manager for several years. He is now with the law department of the General Accident insurance co. McCloy admits being married, but says nothing about any progeny. His letter instead of being about himself is mostly about Alex Levy, Louis McMains, Charles W. Russell and others.

Alfred W. Rea is an architect, with an office in the Black bldg., Los Angeles, Cal., where he has had an office since March of last year. He is handling work for the Standard Oil co. and the Murphy Oil co. in California. He tells of a delightful automobile trip through the Imperial valley. Mr. Rea is one of the architects selected for the new school buildings.

Everyone who goes out to the fair ought to see Rea. He extends a cordial invitation.

William D. Gibbs admits that he could not resist the third appeal for information from the secretary. For nineteen years he was in college work at the University of Wisconsin, Ohio State university, Texas A. and M., college, and for nine years prior to 1912 was president of the New Hampshire state college, from which position he resigned to take an interest in and become manager of a land trust company of Boston,

in which work he is now engaged. He lives in Winchester, Ill., his old home town, and modestly admits that if prosperity continues he may buy a Ford in the spring. He is married and has two children, a boy eight, and a girl three years old.

Gibbs is in favor of having a reunion of the class of 1893. The secretary is willing to take up this matter just as soon as he hears from all the members.

Henry E. Bartlett is a successful engineer, with an office at 1444 E. 66th place, Chicago.

Charles W. Russell is farming on a farm of his own, three miles from Virginia, Ill. He is married to a farmer's daughter and has two little girls, aged two and nine, the latter of whom is attending the country school nearby. He says he is a Mason, a firm believer in the single tax theory of Henry George, and is independent in politics and a member of no church.

John T. Stewart has been professor and chief of the division of agricultural engineering of the University of Minnesota since 1908. In addition to the university work he has general supervision of campus improvements, building repairs, power plant, etc. and, unlike most college men, is employed twelve months of the year, instead of nine.

He speaks of meeting a number of Illinois men in the Twin Cities, but none of '93. He met several of the '93 engineers at the Baker banquet in Chicago last March.

Harlow Bacon was for about two and a half years in railroad work in the Indian territory, now Oklahoma, and was married in 1894 while residing there. In 1897 he became draftsman in the Coast and Geodetic survey, Washington, D. C., and for eighteen years has been connected with that work. Mr. Bacon lives just out of the District of Columbia at Silver Springs, Md., where he owns a suburban home. He is presi-

dent of the citizens association. He has a son, now nineteen years and six feet two inches tall, a freshman at a college near Washington, D. C. Mr. Bacon regrets very much that he could not send him back to old Illinois. As to his personal appearance, he says he has never succeeded in getting any fatter; however, he has disguised himself with a heavy beard.

William A. Powers is chief chemist of The Atchison, Topeka and Santa Fe railway system, and is located at Topeka, Kan. That department analyzes material, such as paints, soaps, brasses, disinfectants, and in fact everything used by the company, and is also expected to investigate accidents, breakdowns, etc., which may be caused by defective materials.

Mrs. W. A. Nicolaus (Loueva Mae Mathews) lives at Urbana, where she is managing an apartment house, built nine years ago. The building was recently damaged by fire.

James D. Metcalf is cashier of the Shipman banking co., Shipman, Ill. He was one of the charter members of Kappa Sigma and enjoys returning and meeting all of the old boys. He was married in Girard, Ill., on Oct. 17, 1897, to Miss Eugenia Wolfe. They have one daughter, Eugenia, 13 years old (only child). Jimmy was back at Homecoming last fall. He is the same old "Rabbit."

Wilber J. Fraser, professor of dairy farming in the department of dairy husbandry of the University, has been in that department ever since his graduation. He writes that the life he is leading is one not filled with events to interest the other '93s, but that he is glad that the class is being stirred up and that we are going to learn something about one another.

Jeremiah G. Mosier is still in the college of agriculture of the University, having charge of the soil physics divi-

sion. Besides teaching classes, whose total enrollment is about 175, he has charge of the detailed soil survey that is being made of the state. During the past season he has had from fifteen to twenty men in the field, and expects to have about the same force out this coming year. The men during the winter are busy with the soil reports, making publisher's maps, etc., all of which gives Mosier plenty to do.

George O. Behrensmeyer, an architect at Quincy, is the same old George, as handsome as ever. Here's part of his letter:

"To make it possible for me to write something about myself, it almost becomes necessary that I forget everything about myself. How can I write when I forget? I can't even write about my rank in life's battle, because that is rank enough to satisfy even my most ardent admirer (?), namely my wife; consequently you surely can appreciate what I am up against. A second spasm reveals that writing about myself is an extra dry proposition. I hate things extra dry—mind you I am not in sympathy with Grape Juice William—unless it is Champagne. Before I get out of the notion I will indulge just a bit about and in Champaign. You will kindly forget what Bill Nye said.

"After a lapse of twenty-one years I did listen to my Alma Mater's plea for all erring sons to Come Home—and what a revelation it all was to be. How short the time to comprehend it all! Days should have been stretched into months. More than ever I am proud of Illinois and the class of '93, some class to this class, believe me. No tonic was ever brewed that stimulated more than the stimulation that resulted from the hand shake with you, Ed, and Bob, G. Dan, Zip and Burly. I did not mention Jimmy because the said Jimmy pounded my biceps during the football game, until they resembled gov. inspect-

ed hamburgers, and yet you ask me to be altruistic. This bird has some kick and is justly entitled to some consideration as a White Hoper."

Mr. Behrensmeyer and his wife are still located at 403½ Main st. Quincy, and keep open house at all times for Illinois men.

Frank M. Brown is in the real estate loan and insurance business in Champaign, and is the same Frank that he was twenty-one years ago. He has lived at Champaign since his graduation and has, as a result thereof, had the opportunity of becoming better acquainted with the University and has kept in touch with the class of '93 better than others of us who have not been back there. He has been secretary of the Twin Cities savings and loan association, has taken an active interest in the building and loan league of Illinois. He speaks with pleasure of living in Champaign, and it is evident from his letter that he has taken advantage of the many opportunities that come from living in a university town. He says they see and hear some of the greatest people in the country; that the most noted musicians, and the greatest orchestras appear in the Auditorium. His father, Seely Brown, died on Jan. 30 of this year at the age of 82.

Thomas T. Woodruff during the fall and winter of '93 worked as second engineer in a small mine of Chenoa, Ill. The company went broke and he was lucky to get enough out of it to pay his board bills. He managed to squeeze enough out to make three or four week-end trips over to Kankakee, where a young lady lived. After a year or so she got tired of waiting for Tom. In 1895 he went to work for the General Electric co. at Schnectady, N. Y. He stayed there until 1900. He then went to Europe, and for several years worked all over the continent, and was in England two years. His adventures in

working here and there read almost like a romance. After a stay of two years in England he accepted a position with J. G. White and co. in Montivideo, Uruguay, S. A. Thomas had headquarters here for nearly four years. The company that he was working for built several tramway lines and city lighting plants. Buenos Aires is only 115 miles from Montivideo and on the boat route from Frat Bentos. Tom sow a lot of it going back and forth. In 1909 he came home by the way of Portugal, Spain, France and England, and remained until the summer of 1910, taking a three months trip out to the west coast, in the meantime.

In 1910 he went down to South America again. He spent the summer of 1912 working in Chicago and the fall in Duluth, Minn., on a big coal dock job, leaving there to go to South America again. But before he got away the boom in South America busted, and he was offered work in England instead. He says he made a mistake in refusing to go as business has been very bad here since, and that he has done little or no work in the last two years. Thomas has never gotten married; he says he has been jumping around too much. He admits that it is the right thing for a man to do, but now thinks that since he has gotten older and more set in his ways that it would be a very bad thing for him to engage in.

Grace Ayers Powers, wife of William A. Powers, lives at Topeka, Kan. Before her marriage, Mrs. Powers taught one year in a normal and business college in Rochester, Minn., and afterwards went to Chicago to be with her sister, who was studying medicine there. Mrs. Powers belongs to many societies and clubs. While Mr. and Mrs. Powers go to California every summer, yet they always find time to go back to Urbana about once a year, but have never been there at Commencement time. They

promise to be there when the class of '93 has a reunion. Mr. and Mrs. Powers have a son sixteen years old, who will be ready for college in two years.

1894

Walter B. Riley, 702 west Clark street, Champaign, Illinois, Secretary

H. H. Braucher was chairman of a meeting of the Kansas state manual arts association at Wichita Feb. 19 and 20.

1895

E. K. Hiles, 2511 Oliver building, Pittsburg, Pennsylvania, Secretary

[This number of the *Quarterly* is being sent to all graduates of the class of '95, whether they belong to the Association or not, in order that all may know of the reunion in June. *Fortnightly Notes* for May 1 and 15 and June 1 will also be sent. The expense is being met by a class fund. Alumni not now members of the Association are earnestly requested to read this magazine carefully, and to offer their cordial support to the enterprising members of '95 who are trying to do a commendable thing.]

Plans for our Twentieth are well under way. I had hoped to have the preliminary programs in the mail before April, but have been extremely busy and could not get to it. The Chicago committee is at work and one or two additional committees will be appointed soon.

I am receiving many very enjoyable letters from members of the class accepting our invitation to come back and attend our Twentieth. We are assured of a rousing old reunion.

Last week I had a very enjoyable time with Otto Goldschmidt, '94, who came over from New York to pay me a long promised visit. His stay in Pittsburgh was all too short and we hope he will contrive to come over again in the summer, selecting a time when telegrams will not call him home.

The several sections of our first Round Robin which started its flight just before Christmas carrying letters from about one-third of the members of the class, have been slowly returning to Pittsburgh. Two sections apparently were snowed in. At any rate, one of the Chicago Robins has failed to return home and another circulating through central Illinois met with misadventure, although a letter from Quade indicates that it has been started on its round again. These letters have aroused much interest in the class, and I hope that every one will add something to the second Round Robin, which began its flight on Mar. 26. While the responses have been quite general, there are still a number of members of the class who have not written.

A very recent letter received from Lemen in Savannah refers to a visit last week with John Shepardson in Charleston, S. C. He continues: "The natural bond between us seems to have been drawn closer by the Round Robin, and the reference to this and that '95er almost always depended upon whether or not they were in the Round Robin letter. The usual comment was, 'I wonder why he did not respond to it.' We were interested in the whereabouts of A. M. Munn, about whom the last *Quarterly* inquired. A statement as to the future of our Round Robin letter would be interesting, and I trust that the *Quarterly* soon will have something concerning it."

This is a fair sample of the way in which our Round Robin letters are regarded.

The Chicago committee which was appointed last June, made up of C. B. Burdick, chairman, Peter Junkersfeld and O. E. Strehlow, has had its membership increased by the appointment of Walter N. Vance.

I recently appointed E. J. Lake chairman of the committee on decorations,

and I have been congratulating myself ever since on the happy thought that led me to select Lake to head this committee. He is already at work, and I expect to be able to announce the personnel of his committee in the next *Fortnightly Notes*.

I have arranged with Frank Scott to have the *Alumni Quarterly* and *Fortnightly Notes* mailed regularly up to Commencement time to each member of the class who is not a subscriber. All members of the class will find it quite worth while to read the *Quarterly* and *Fortnightly* regularly. Personally, I derive a great deal of pleasure from them, and in addition subscribe for the *Daily Illini*.

The second Round Robin carried about thirty-five letters.

Clyde Carmack of Tropic, Cal., in commending the spirit of the Round Robin says: "I would suggest that all members of the class have some photographs taken of themselves, their families, homes or whatever would be of interest. These could be inspected at the reunion and then mailed to those few members unable to be present." This suggestion sounds very good. If you will send any such pictures, I will arrange to have them on exhibition at class headquarters.

Ray Carberry of Imperial, Cal., refers to a trip east the first few days of this year. "I could not reach Charlie Burdick by telephone, but had an enjoyable visit with Quade of Canton, Ill., and discussed several of the past affairs of the C. B. & Q. gang. The Carberry household consists of a mother and two children, a boy and a girl, the latter two being still under age. They will probably in due time find themselves enrolled in the U. of I. We have great hopes of attending the reunion next June and will be deeply regretful should occasion arise that would interfere with our being present."

J. W. Ferris, Spokane, Wash., says: "Here's hoping the Round Robin will keep on the wing visiting us all at least once a year. By a little attention and effort we can make up for many years of silence." You are a good little hopper, Ferris. I think you can count on visits from the Robin two or three times a year.

W. G. Boon writes from Chicago, saying that he began working for the C. B. & Q. r. r. in the engineering department in 1898 and has been there ever since. "We have two boys, aged 9 and 12, whom my wife and I are planning to bring to the reunion in June. Here's hoping to meet most of the class."

"Doc." Hunt, Burlington, Ia.: "I found the one and only girl soon after graduating from a medical school in Chicago and now have a little girl in high school and a little boy, who is not quite old enough to enter school. Since my little girl has been going to high school, we have had high school stuff handed to us at every meal and I find myself getting interested in football and basketball very much as I did in my college days." Better subscribe for the *Fortnightly* and *Quarterly*, Earnest. He refers to a very delightful visit that Dr. and Mrs. T. J. Burrow made at his home last summer. "Doc." failed to state that he is coming back for our Twentieth in June, but I am sure we can all count on seeing him.

Will H. Kimball, Burlingame, Cal.: "Married a University of California girl and have three children, a girl and two boys. Would like to attend the class reunion but fear that the P. P. I. Exposition will prevent."

Marion Thompson Gratz writes a delightfully newsy letter, starting in by introducing herself, as if fearing that some one will say: "Who on earth was Marion Thompson—who is now Mrs. Gratz?"

Quite some forgetting can be done in twenty years by people engrossed in other things. My engrossing occupation has been the development of two daughters, who are now 15 and 17 years old and I am so besotted about them that I hardly dare introduce the subject for fear of making myself a bore. I will skip on to a subject more universally interesting—the European War—"all of which I saw and part of which I was"; does it go like that? At all events, as I was peacefully pursuing a cure at Nauheim in the Grand Duchy of Hesse, last summer, they brought down a war about my ears, and there I stayed until Aug. 26, when 200 or 300 Americans finally got a train which landed us at The Hague, after 30 hours' travel. We carried our own food and water and took turns at naps—curled up in curious positions like a basket of kittens. It was a most wonderful experience to see a thoroughgoing country like Germany go to war and to see it all from the inside. I must say, however, that the vision from the inside was very limited as we were allowed to know only what the authorities thought was good for us to know. For weeks, we hung over the bulletin boards with a little red dictionary and all we read was, 'Great victories—many prisoners and cannon taken—Paris in two weeks, etc.' On our journey out of Germany, our train pulled up beside a train loaded with wounded from the Alsace-Lorraine border at Wiesbaden and from them we heard for the first time of the fearful losses of the Germans at Muhlhausen. The German government may be the most efficient and the best organized in the world, but it represents an abuse of the virtues of obedience and discipline. We spent two hectic days at the Hague, finding everything most disorganized—soldiers everywhere and most of them trying out new boots to judge by their pained expressions. We saw a review of about 10,000 troops before Queen Emma's place and met Queen Wilhelmine stepping vigorously down a street car track with a gorgeous thing in scarlet and gold hustling to bring up the rear. As our Government representatives urged us to get across the Channel while the going was passable, we crossed to London and sailed ten days later. It was something to see old England really stirred too. We spent some time in Sheerness, a naval base, at the mouth of the Thames and they were not missing any tricks either. Kitchener's army drilling in their shirt sleeves were an earnest, fine looking lot of young men. No one who saw them would have thought of decadence in England.

A. M. Donnan, county treasurer, Independence, Ia.: "As to personal matters, I am married—have been for eleven years. My wife is an Independence girl of Irish descent, possessing much of the vim and vocabulary of her race; in consequence (as I'm Scotch)

the question 'who rules the roost' is unsettled. However, she is good to live with and that means much in one's home." Donnan says he plays golf, and promises to bring his clubs with him to our reunion in June. (Charlie Burdick will have to look to his laurels on the links.) Says he does not drive a car but does drive a motor boat on the river, and believes that George Fitch may have had him in mind when writing his motor boat stories in the *Saturday Evening Post*.

Homer Thomas, Seattle: "Have been living at Vancouver, B. C., for the last three years, taking care of structural work for the Canadian Pacific railroad, and some city work. Since that country has gone into the war business, to the exclusion of about everything else, I find it necessary to come back to this side of the line. My most interesting work in Canada was the structural design for the Vancouver hotel, with the Banff Springs hotel a close second."

Bertha Pillsbury writes a charming letter from Newton Centre, Mass.: "When you urge the members of the class to write again, and suggest subjects for letters, I am at a loss to know what subject is meant for me. Husbands and children have I none, and although I once owned golf clubs and balls, alas! they are no more!" After making a few comments on the mysterious disappearance of her golfing equipment, she closes by saying: "What subjects, Mr. Secretary, do you suggest for unfortunates like me who have no husbands or children and who do not play golf?" Far be it from me to attempt to suggest subjects to any one who can write such a delightful letter. I enjoyed it very much, and hope that the second edition of the Round Robin will be favored with another letter from her pen. I should like to see Arthur Pillsbury, however, when he reads his sister's letter. The scoring is complete

and I do not see any chance for Arthur, should he attempt to play a return match.

Armin Harms, Torreon, Mex.: "Since last September I have been back in old Mexico again. According to the United States papers, Mexico is not a very safe place at present, and conditions in Mexico City are rather bad; but everything is quiet in this part of the country and our smelter keeps on running, although at only about one-fifth of its capacity. Peace is very far off and we may possibly have to get out of the country again." Armin says he still has hopes of attending our Twentieth. Good for Harms. We will all be glad to see him.

A. Fellheimer writes from New York City, where I had an enjoyable visit with him last month. He is doing architectural work, much of it for the New York Central railroad. He says: "Twelve years ago I married Elizabeth Hull of Chicago, and my nine-year-old daughter Madeleine has confidentially told her mother that when she marries, she will choose an architect like her Daddy and, that failing, she will select as the next best thing, a King; so, after all I feel that I have accomplished much." Boys, this little confidence between mother and daughter indicates clearly that we have no chance in this world at all. We may flatter ourselves that we do the selecting, but apparently, it's all a mistake.

Bert Arms, Chicago, gives a very interesting account of his work: He says: "I see very few of our classmates. Shorty Long and Al. Bower live here in Wilmette where I built a home some years ago. Frank Cornell, '93; and H. J. Burt, '96, who married Ede Fleming, '95, also live in this pretty little North Shore suburb. As for children, I am the proud possessor of a 12-year-old daughter, whom I shall be

pleased to bring to our Twentieth reunion with her mother."

Frank King, writing from Maple Lawn farm, Geneva, Ohio, says: "Budget came yesterday. I'm trying to send it on at the earliest possible time, as we have but one mail a day. It comes to me perhaps first, as I am the oldest of the class. I am as many years old as the number of the 19th century year in which I was born; yet there is no thinness in my hair, no high retreating forehead and few lines on my temples. I can't run as fast as formerly, or jump a fence by putting my hands on the top, or do several other stunts I used to pull off, but I can put more corn in the shock than ever before and do fully as much of most kinds of work as ever—seem to be quite in my prime." I do hope Frank will come back for our Twentieth, and bring Mrs. King with him.

E. S. Hall, architect, Chicago: "We live at 3230 W. Monroe ave. You will remember that Mrs. Hall was Clara Adams, '94. There are four little Halls: one boy, 13, and three girls—12, 5 and 2. The other day I met on the car an old University of Illinois man, class of '76, Prettyman by name, who confessed that he had not been back to the University since graduation. I immediately gave him one of your famous lectures on Loyalty, and he promised me, I suppose in order to get me to stop, that he would surely try to attend Commencement next year." You have the right spirit, Hall, and we will look for you at our Twentieth.

Maxon sends a note from Taylor, Tex. Here's hoping that he will dig up another letter for the Round Robin now winging its flight in his direction.

John Shepardson, Charleston, S. C.: "Not more than twenty-four years ago, as a student at the University, asking for the composition of brass, I believe it was Burdick who told me to go to

Hiles for answer. Why Hiles, I knew not at that time. As one shirker in class of '95 affairs since graduation, I realize that a few more members with his spirit could soon stimulate in the class an interest equal to, if not exceeding, the fever heat of the 91ers." All right, John, but I am sure, if your old C. E. crowd had done a little work in the way of self analysis, you would have learned all about the composition of brass without going outside. I enjoyed your letter and am delighted to know that you are arranging to attend our Twentieth. Yes, go on: "Several years ago, I married a Chicago University kindergarten teacher. Our kindergarten now consists of Jim, aged four, and a little girl of six, a namesake of my sister who died in 1903—Mary Frances Shepardson, ex-'95.

C. C. Webster, LaVeta, Colo., is in the same class as P. M. Williams, 528 Leader bldg., Cleveland, O., who promised to forward a contribution for the Round Robin within two or three days after forwarding it to the next name on the list.

Parker Hoag, Chicago: "I have not grown older—I say this because about two years ago I met Mark Earl, '93, in Muskogee, Okla. You remember him—he of military fame. I had the advantage of him as I approached him from the side and rear, and before he saw me I asked him if his name was not Earl. He immediately replied that I looked like Parker Hoag, but the Parker Hoag he knew should be 15 years older. My perennial youth is undoubtedly due to the fact that I do not idle my time away uselessly playing golf and indulging in its usual concomitants. I must say I view with alarm the tendencies of certain members of '95 to fritter their time away in that unsocial and nerve-destroying game of golf, when they might better put their time in at the brain-developing and in-

tellectual game of bridge." Quick, boys, somebody turn him over, he is lying on his back. [Hiles has the bit in his teeth here and we don't pretend to be able to stop him. The '96 column gate is shut, too.]

W. T. Burrill, St. Paul, Minn.: "I was married in 1900 to a Decatur girl and we have two children, a boy of 13 and a girl of 11. We begin to realize that time flies, for the boy is starting in high school and "Dad" will have to brush up on algebra and latin if he expects to keep up with the son. With gray hairs and spectacles, you might say I look older, but I don't feel a bit older than I did twenty years ago. We try to mix a bit of rural with our city life by keeping fancy poultry on the rear of our three-quarter acre lot. Others may enjoy golf or tennis, but I would rather win the blue ribbon at the poultry shows." Burrill, you have disappointed me. I never expected you to throw stones at the ancient and honorable game. We will look for you and your family at our Twentieth in June.

Milo S. Ketchum sends greetings from Boulder, Col., where he is dean of the college of engineering in the University of Colorado: "I am delighted to know that the members of '95 are to renew old friendships. I have not seen a single member of the class for several years. I have been married for over eleven years and have a daughter Martha 10, Elizabeth 6 and a son, Milo Jr., 5 years old. These three- together with their mother, make life worth living. We are planning to attend '95's Twentieth reunion in June and hope that nothing will interfere.

Harry Baum is in Salt Lake City, where he is in partnership with John Frederickson '91, operating as contracting managers for James Stewart and co. of New York, in the territory extending from Topeka, Kan., to the Pacific coast. He writes: "Play golf?

I should say we do, and my score is what every one's should be, 100. If you get better than that, you are likely to class yourself as an expert and that removes all the fun from the game. If you play to a higher score it becomes expensive, which, in these days of war and tariff difficulties, is a matter which must at least have consideration until a more satisfactory administration makes the circulating medium more plentiful." As one of those who play at golf to a higher score than 100, I quite agree with Harry; it's expensive.

E. L. Mann, Mannville, Fla.: "I surely have enjoyed reading this bunch of news. Wish I had known that Lemen was in Savannah last summer. My wife and I went north by boat from Jacksonville and were in Savannah all day both going and returning. I would have been mighty glad to have said 'Hello' to him at least." Mann did not say that he was coming back for our Twentieth but we are counting on having him with us.

C. V. Seastone is in Madison, Wis., where he is engaged in consulting engineering with Daniel W. Mead, their work being largely of a hydraulic nature, mostly in the design and supervision of construction of hydro-electric power plants. "I have greatly enjoyed hearing from the other members of the class through these letters, and I think the idea a most excellent one. I am looking forward with pleasure to our Twentieth next June, and sincerely trust that we may have a large representation."

E. V. Capps, Beatrice, Neb., with the Nebraska gas and electric co.: "I was married Dec. 18th, 1895, to Miss Claudie Henrie. J. G. Funston was best man. I think that I am the oldest married man in the class, and if any one has me beat, let him speak now. I have one son 17 years old today (Jan. 1st, 1915) who was born in Champaign.

He is considered a fine violinist and has a state wide reputation. He will be ready to enter college in two years. We are still living in Blair, where we own a nice home. I am now serving as a member of the School Board. My diversion has been hunting, but, since Uncle Sam made the Missouri river neutral ground, I will have to get interested in football or baseball. I have not taken much interest in baseball since I got hit in the face in the game between the M.B.'s and E.E.'s. That was some game." It sure was some game Capps. I am searching for a picture of the teams. If you have this photograph, dear reader, would you mind loaning it to me for a short time?

Mariana Green Steele, writing from Sioux City, Ia., says: "To look forward 20 years seems an age—but looking back over the 20 years we have been away from the University seems very short. I do not feel the least bit old, notwithstanding the fact that my time is almost all taken with our five lively youngsters—Mariana 11, Melissa 9, Billy 7, Jane nearly 5 and Sarah not quite a year. There is something going on in this house every minute of the day and it is as good as the Orpheum for there is always something new. I hope the reunion will be a success, and if it is possible to leave my flock, I will be there."

J. G. Funston, Geddes, S. D.: "I, like some of the rest of the fellows, have some change in the color of my hair, but aside of that I cannot realize that it will soon be twenty years since we were turned loose in the world with more knowledge than we knew what to do with. As to my family, I have five children, three boys and two girls, ranging from 13 to 4, and I find with this number it keeps a fellow guessing just what they are going to do next; in fact they do so many things next that it keeps their father young trying to keep

up with them. I hope that I will be able to meet with the rest of you at our Twentieth next June."

Charlie Noble, LaCrosse, Wis.: "This Round Robin letter is a source of much pleasure and interest to me, as three years ago I lost all mementos of college life (cap, gown, books, pipe of peace, drawings, class colors, class album, photographs, military paraphernalia, papers, etc.) in a destructive fire at my residence. The letter brings back thoughts, faces and scenes that were fast slipping from memory. I hope the letters will continue. As to the residence, that was promptly rebuilt. In golf, my record is hard to beat. I lost count on the first round some eight years ago and I've never got beyond the club dining porch since—I make the dining table course in bogey. I will polish up my clubs and read over the rules in an endeavor to get in Parson's class. In 1898, at Chicago, I married. I have three children to keep me busy and remind me that I am getting old. As two of these are in school, it is doubtful if I can bring them with me to the reunion in June."

G. T. Fulton is secretary of the Johnston glass co., Hartford City, Ind.

1896

Mrs. Sophia Leal Hays, Urbana, Illinois,
Secretary

D. G. Swannell is the new president of the Champaign, Ill., chamber of commerce. He was a speaker at the annual banquet of the Kankakee commercial club Jan. 20.

1897

O. L. Gearhart, 107 west Springfield avenue,
Champaign, Illinois, Secretary

Francis J. Plym has continued the Plym fellowship in architecture for 1915-16 by sending his check for \$1000 to the University. This makes in all \$6000 which Mr. Plym has contributed to the maintenance of the fellowship.

1898

D. R. Enochs, north Neil street, Champaign,
Illinois, Secretary

Lele Dawson was married on Mar. 12
to James G. Parshall of Kansas City,
Mo. They are living in that city at
5015 Waldron ave.

1899

L. D. Hall, 3823 Livingston street, Washing-
ton, D. C., Secretary

1900

Mrs. Nellie McWilliams Enochs, 618 west
Clark street, Champaign, Secretary

The Round Robin letter sent out to
the class was explained briefly in the
Mar. 1 *Fortnightly*, and reads as fol-
lows:

DEAR 1900:

I am going to ask you to throw the
dissolving lever back just fifteen years,
which brings you to the time when we
were on the last lap toward the goal of
graduation. How would you like to
meet all of those you liked best during
those happy days? How would you like
to talk over with them the things that
are of mutual interest, the vital things
that have happened in the intervening
years? Wouldn't it be fun to have your
wife and children meet these old friends
and also to explore with them the
buildings that we once knew so well?
This dream may come true, for next
June is our fifteenth anniversary. This
means that we are going to come back
to commencement and join the other
classes in a proper celebration.

The only objection that I hear is that
there may not be enough of our class
return to make it worth while. That is
just why this letter is written, for only
by getting promises in advance can we
be sure of a successful crowd. I, my-
self, am planning to be present and
want every member of '00 who possibly
can to be there also. I am sending this
Round Robin, which I ask you to read
and remail to the next one on the list.
Then send a postcard to Mrs. Nellie

McWilliams Enochs, Champaign, Ill.,
our class secretary, telling her whether
you expect to join the crowd. Please
add to the attached list the names of
any other people to whom you wish this
letter sent, as the writer does not have
a record of them all.

One thing really determines whether
dreams come true or not, and that is
will. Let's show our Alma Mater that
her '00 children are possessed of enough
of this desirable qualification to make a
success of this fifteenth anniversary.
Let us each determine that we will be
present at the reunion in June and wear
the badges which our secretary will pro-
vide. Only in case of a train wreck
should we be prevented from going. If
you really cannot be present, you surely
will agree to write a letter to the class
secretary in time for her to read it at
the reunion. Yours for Illinois. . . .

The letter was accompanied by a list
of the members of the class.

1901

Frank W. Scott, Urbana, Illinois, Secretary

P. A. Smith writes a long letter from
Fukui, Echizen, Japan, where he is
located as a missionary. "Some one in
the *Notes*," he says, "thinks that the
alumni literature is fine to keep up a
man's loyalty. I don't need any such
Ayer's Sarsaparilla to strengthen my
loyalty." Continuing, he says:

But I do like to know what is going on
around the old Uni and what the various
fellows are doing. I wish I could be home
in 1916, but unless either Mrs. S. or I or the
kid has the good fortune to be sick I fear I
can't be there, for our furlough isn't due
till April, 1917. And from present prospects,
none of us will have any such good luck
as to be sent home ahead of time on sick
leave.

I keep busy with 10 or 12 Japanese sermons
and 7 or 8 English talks regularly every
month, and a few extra now and then for a
change, besides running a night school and
managing the business of the Mission in this
part of the country. I speak in all sorts of
places, regularly in 3 different schools, in 3
or 4 churches and preaching places, and by
special invitation I have spoken at the post
office, at an educational society, and a young

men's club, and only yesterday had to refuse an invitation to speak to another educational society because of a conflict of dates. Besides this, I am trying to get ready for my last language exams., which means learning to read a lot of those beastly ideographs like the things at the top of this letter."

J. H. Gordon and F. G. Remann are still in partnership as attorneys in Tacoma, Wash. Remann was last fall elected prosecuting attorney of the county. Gordon has a family "of three husky boys, ranging in age from three months to six years. Mrs. Gordon and myself find that they are a very interesting collection."

C. M. Youle is in charge of the men's furnishing department of Frederick and Nelson, Seattle, Wash. Claude's cravats were cautions in college days.

May L. Martin is living at 84 s. Broadway, Geneva, Ohio.

H. H. Horner spoke before the Men's club of the First Reformed church of Schnectady, N. Y., on Lincoln's birthday, taking as his subject, The Soul of Lincoln.

1902

H. F. Post, 3405 w. 28th st., Minneapolis, Minn., Secretary

N. A. Stern was elected to the city council of Chicago in the April election.

Coach Lundgren of Michigan began indoor practice with his baseball men on Feb. 14. That the people of the Ann Arbor school think well of Lundgren and his coaching is shown by this paragraph from the Michigan *Alumnus*:

When Carl Lundgren came to Ann Arbor last spring for his first year as Varsity coach, and in that year made the Michigan nine the collegiate champion of the country, the students bestowed upon him their loyal affection and faith. And they believe that this year he will be able to repeat. When Lundgren took charge of the Varsity squad in February of 1914, he was unknown to the players, as they were unknown to him. The athletes knew nothing of their new coach's methods and he knew nothing of their ability. This year the reverse is true. Lundgren knows what each man can do, and he knows, also, a good deal about the recruits who will appear for Varsity practice as sophomores this month.

E. O. Keator is a civil engineer and contractor at Cincinnati, Ohio. His address is 2051 Melrose ave.

1903

Mrs. Ethel Forbes Scott, 1003 west Oregon street, Urbana, Secretary

Professor L. H. Provine of the department of architecture of the University gave a lecture on The Crookedest Railway in the World before the faculty and students of Purdue university on Feb. 22.

Alvah L. Wagdy and Addie DeWitt were married in Rochester, N. Y., on Dec. 10. They are at home in Rochester, where he is foreman of the Cassidy marble works.

Stella Bennett should now be addressed at 2629 Haste st., Berkeley, Cal.

1904

R. E. Schreiber, 1140 Otis bldg., Chicago, Secretary

A son was born to Mr. and Mrs. J. W. Wilson on Mar. 30. Mrs. Wilson was Marjorie Forbes, '03.

W. A. McKnight has been appointed secretary of the Y. M. C. A. at the University of Minnesota. For several years he has been in Y. M. C. A. work at Montevideo, Uruguay, S. A.

Elizabeth Webber, *mus.*, died Mar. 30 at Battle Creek, Mich., where she had been for only a few days. Interment was in Mount Hope cemetery, Champaign. Miss Webber had been a resident of Urbana all her life.

1905

Thomas D. Casserly, Chicago Plumbing & Heating Co., 3941 Evanston avenue, Chicago, Secretary

D. A. Abrams, *c.c.*, lives at 800 s. Independence bldg., Chicago. He is doing testing work for the Universal Portland cement co. His laboratory is located at Lewis institute.

F. H. Winslow's address is 816 Columbia bldg., Cleveland, Ohio.

1906

W. R. Robinson, 837 south Illinois street, Springfield, Illinois, Secretary

W. G. Kline has just finished his fourth basketball season at Nebraska Wesleyan university, University Place, Nebr., where he is director of athletics. He has won his fourth successive state championship. Last fall the school took the fourth successive football championship of the state (not including the University of Nebraska). "Three track championships," says Kline, "three of tennis and two out of three in baseball have fallen to us. We expect to win another in baseball, tennis and track this spring. . . This is a live country out here but there is no school like Illinois and no spirit like that found in the camp of the Orange and the Blue."

M. E. Baxter has moved to Leavenworth, Kan., R. R. 3. He doesn't say what he is doing, but a red announcement on the envelope of his remittance says EAT HONEY.

L. P. Hoff, *c.e.*, has been selling apparatus for Allis-Chalmers in Pittsburgh and vicinity for the last year. His address is 623 Trenton ave., Wilkinsburg, Pa.

N. R. Porterfield, *c.e.*, is a contractor in Cleveland, O. He is now completing a reinforced concrete bridge for the city of Youngstown.

Edgar Stanley, *arch.*, is senior member of an architectural firm in Youngstown, O.

John W. Preihs, *law*, is practicing at Pana.

Leon R. Melvin, *ag.*, is in the hardware business at Greenfield.

John P. Dysart, *ag.*, is a missionary at Chikore, Rhodesia, S. Africa.

Walter C. Coffey, *ag.*, is a member of the faculty of the department of animal husbandry, College of Agriculture, Urbana. He has two sons. L. A. is four years old, and W. C. Jr. has completed fourteen months.

C. C. Rich, *arch.*, whose letter head reads 307 Corbett bldg., Portland, Ore., says there is no other place in the country which looks so good to him as Portland.

Edward Corrigan, 121 Rebecca place, Peoria, says that he wants a dance at the 1916 reunion, provided that all dances not danced at the 1906 senior ball be barred. Otherwise, he prefers to eat.

Russell N. Smith, *la.*, is a merchant in Carthage. Says his forehead is getting higher, and it makes him dizzy to think the ten-year reunion is so close. He is president of a community Y. M. C. A.

J. R. Clark, *la.*, is home from the Philippines on a furlough. Address him at Carthage, R. R. 4.^b

E. F. Derwent, *c.e.*, is an enthusiastic farmer, being proprietor of "Oakcrest" at Pecatonica. Derwent's son is almost five years old, and the baby girl is eight months.

E. C. Sigler, *law*, is practicing at Leola, S. D. He has four children and expects to be at the 1916 reunion.

W. H. Eiker, *c.e.*, is district engineer of maintenance for the C. B. & Q. at Lincoln, Nebr. Address him at 1435 L st.

Frank M. Bumstead, *lib.*, was recently married to Miss Amy Bruce, a graduate of the University of California, and resides at 2529 Hilgard ave., Berkeley, Cal. He has charge of the periodical room of the University of California library.

Louis P. Robert, *c.e.*, is completing his seventh year as chief engineer for the West Canadian collieries at Blairmore, Alberta.

George Awsumb, *arch.*, is located at 14 E. Jackson blvd., Chicago. On Jan. 1 he married Miss Ella Mabel Wells.

Jim Cleary rejoices in the title of chief of copy service of the advertising department of the Chicago *Tribune*.

THE 1906 WAHEE

Sent Now and Then to Members of the Class of 1906, University of Illinois

Here's the roll of honor of those who came across and assisted the class treasury:

Grace J. Baird.
V. G. Musselman
E. J. Mehren
C. A. Hewes
M. R. Kays
J. E. Henry.
C. B. Suttle.
J. N. Jensen.
R. H. Whipple.
Jim Cleary.

Total donations	\$18.50
Expense of first circular	10.56
Stamps	10
Stenographer	1.15
Balance now	6.69

I've found that these circulars can be handled somewhat cheaper and more effectively than were those in the first lot but I'm still waiting anxiously to hear from the good people not on the above list.

The situation ought to be such that the Secretary, in sending news to the Alumni Quarterly, would not have to draw upon any class but our own, but that time has not yet arrived. As the letter specialists say, do it now! Use the addressed envelope and write to me. Send me some news about yourself, about your family, about your business. I can use it all.

REMEMBER THE TEN-YEAR REUNION URBANA, JUNE, 1916.

Did You Read That? June, 1916. Not Very Far Off!
Get Ready for It.

Ed Mehren, from the editorial sanctum of Engineering Record in New York, bristles with ideas. He wants a dance at the reunion. (A remembrance comes to me of the scene on the night of the Senior Ball, when Ed and Constock were finishing the process of getting dolled up to lead the march.) That is only one of a lot of things he wants.

Come on with YOUR ideas.

In holding our reunion, we will have to compete with a lot of other classes, notably that of '81. Now you may or may not know it, but '81 is a hustling bunch and we will have to hurry to keep ahead of them. It's up to all of us to get together. What do you want to do?

Do you want a dance?
Do you want a banquet?
What do you want?

Say something, I want to start the plans.

Here is another important thing in regard to our reunion. There were a lot of prominent members of our class at one time or another who did not finish with us in 1906. A reunion of the bunch would never be complete without a lot of them. You probably know where some of them live now. Send me their names, so I can get them on my mailing list too. Of the circulars sent out last year, not one was returned. So I suppose I have a pretty accurate mailing list. Write me about changes in address.

Quite soon it will be in order to appoint committees on all reunion arrangements. I'll take the liberty of making the appointments and will write you if you are stuck for this job.

It's too bad all of us couldn't have seen the Chicago game last November. I had been waiting to see that game since 1902 and it did me a lot of good.

The basket ball team has started well, beating Indiana and Wisconsin twice, Chicago, Purdue, Minnesota and Ohio once each. Baseball prospects are reported to "look better than for years."

The other day Bob Whipple dropped in for lunch with me. Personally I would think Philadelphia a rather quiet town for Whipple and Suttle.

Ed Corrigan lives in Peoria now, is with the American

Milling Co., and as a side line, conducts the Peoria School of Commerce. It would seem that Ed thrives on work.

A. F. Kidder writes from Baton Rouge, La., where he teaches in the State University.

Grace Baird deserves a prize. She was the first one to answer last year's letter. She lives at 5605 Dorchester Avenue, Chicago, and is teaching. Last summer her vacation was spent in the Rockies botanizing.

J. Norman Jensen is Architectural Engineer for the City Building Department of Chicago. He stands sponsor for all the skyscrapers.

"Hy" (J. Earl) Henry is having great success as Architect and Engineer for the Board of Education of Louisville, Ky. A million dollar bond issue for buildings and improvements kept his office busy. He has a \$300,000 high school, three \$80,000 grade schools, and a \$50,000 fireproof addition under way, and more on the drawing boards. Mrs. Henry was formerly Hope Herrick, '08. There is also "Hi" Jr., aged three and a half.

Marian Bell now signs letters as Mrs. F. E. Fleck, Box 65, Rosemont, Penn. She hopes to be at the 1916 reunion.

Jim Cleary is Chief of Copy Service in the advertising department of the Chicago Tribune, lives at 4465 Oakwald Avenue, and is still a bachelor.

Louis Mack is another bachelor. He writes that his recent travels have been limited to going to work in the morning and returning in P. M. You can see him at 1620 Corn Exchange Bank Building, Chicago.

Dave Meadows manages two children and a job on the Oregon Short Line at Salt Lake City.

George (Tim) Donoghue also announces two children. He bosses Lincoln Park in Chicago.

Speaking of children, Ralph Pray has four. Can any other '06 beat that!

Ambrose G. Grandpre is supervising engineer with Marshall & Fox, Architects, and recently added the new Morrison Hotel in Chicago to his list of achievements.

M. R. Kays wrote an interesting letter from Richfield, Idaho, where he is manager of the Idaho Irrigation Co. Kays says Fortune has been good to him and he is quite contented. It is a pleasure to get a letter like Kays'.

A. L. Klewer is an architect in Chicago with his father, located at 1503 Schiller Bldg.

Ralph H. Regan will be remembered by all of the class. He lives at 519 West Sixty-sixth street, Chicago.

C. C. Carr was living in Antwerp when the European war broke out. On the advice of the British consul, Carr, with his wife and baby, left Antwerp on six hours' notice, going to England on an old boat hastily fitted up. They took nothing but a few clothes, but later received two trunks full of clothing. All their furniture is still in Antwerp if it hasn't been confiscated or destroyed. "Fat" evidently didn't think it advisable to try out any of the military tactics he learned in Co. G. His present address is Western Electric Co., Ltd., Norfolk House, Norfolk St., Strand, London, England.

Who knows the present addresses of the following? Please send them to me.

John P. Dysart
T. W. Holman.
Lucy M. Lewis.
L. R. Melvin.
Anna A. Palmer.
Jessie A. Powell.
Jno. W. Preish.
E. E. Smith.
Mary M. Wheeler.
M. R. Wright.

Now! You've read this sheet. What do you think of it? Do you want to continue it?

Take the addressed envelope that goes with this and send me, now, a letter about yourself and what you want at the reunion next year.

W. R. ROBINSON, Secretary,
837 South Illinois Street,
Springfield, Illinois.

THE SECRETARY'S NEWSPAPER
PUBLISHED FOR THE CLASS OF 1906

This alone is enough to give us pause. He has another claim to fame, as he has just made a donation to the class alumni treasury.

Dave Meadows, *c.e.*, is reported to be holding down a big job with the Oregon Short line at Salt Lake City.

Ambrose G. Grandpre, *c.e.*, has been supervising engineer with Marshall and Fox during the erection of the new Morrison hotel in Chicago.

Ralph Pray is a plutocratic real estate man and banker of Chicago now, according to our reporter. Ralph himself hasn't been using the mail lately.

W. A. Slater, assistant in theoretical and applied mechanics in the engineering experiment station of the University, is conducting a series of tests to determine the strength of gypsum as a building material.

F. H. Emerson is with the Bristol co., makers of recording instruments, Boston, Mass., 514 Old South bldg.

The address of R. B. Dool, *c.e.*, and Hazel Mandeville (Dool), *la.*'10, is now Aledo. They formerly lived at Farmer-ville, La.

Paul J. Wyeth, *acad.*, who has been with a Champaign automobile firm, has completed a trip to California in a Ford runabout. His brother, W. E. Wyeth, is living in Clexico, Cal.

1907

Thomas E. Gill, 521 Ashton building, Rockford, Illinois, Secretary

Stanley P. Farwell, *ee*, is service engineer for the Illinois public utilities commission, and lives at 537 s. Lincoln ave., Springfield.

A daughter was born to Mr. and Mrs. A. E. Huckins of Champaign on Feb. 23. Mrs. Huckins was Clara Gere.

The address of J. M. Harnit is 2423 E. 73rd st., Chicago.

H. C. Woodham has moved to Berkeley, Cal., 1818 Milvia st.

M. L. Millsbaugh has come down from Canada to Chicago, Hotel Birch-

mont, 7447 Greenview ave. He says that "*Fortnightly Notes* are certainly O. K."

1908

B. A. Strauch, 629 south Wright street, Champaign, Illinois, Secretary

P. B. Bradshaw should be addressed at Balboa Heights, Canal Zone, Panama.

Hugo E. Varga, who attended the summer session in 1908, has an office as attorney at law in the Rockefeller bldg., Cleveland, Ohio.

Harlington Wood, *law*, is one of the leaders in the business men's class of the Springfield, Ill., Y. M. C. A. This class is the largest of its kind in the state.

The marriage of Wilma Beebe, *la.*, to Dr. V. E. Dudman of Chicago took place at Kankakee on Feb. 20. They are living in Chicago, where Mr. Dudman is finishing his medical education.

Howard L. Rowe is now general secretary of the Union Pacific Y. M. C. A. at Grand Island, Nebr. He is married and has a little son six years old.

Emmett E. Fast is in the life insurance business in Champaign, 205 Kariher bldg.

1909

P. K. Johnson, Belleville, Illinois, Secretary

John A. Robert, *c.e.*, is with the Cottonwood coal co. at Stockett, Mont.

M. C. James is head of the department of elementary agriculture of the state normal school, Valley City, N. D.

Walter C. Paton is city engineer of Excelsior Springs, Mo.

C. E. Corrington's address is 630 Geary st., San Francisco, Cal.

F. S. Simons, chief engineer of the Avery plant at Peoria, and C. C. Flynn, '11, of the same company, have an article in the January *Technograph* on Safety First in a Manufacturing Plant. A general history of the Safety First movement is given.

The address of E. F. Maryatt and Eugenia Bradley (Maryatt), '12, has been changed to Grandview, Yakima co., Washington. They were formerly at Hamilton, Ill. "We are going a long way," writes Mrs. Maryatt, "and must have our Illinois news to keep us from getting homesick."

Truman L. Kelley, *sci.*, A.M. '10, and for a time assistant in psychology in the University, has been appointed instructor in educational psychology in the University of Texas. He received his Ph.D. from Columbia last June. His thesis dealt with an experimental study of the ability of high school pupils. Since leaving the University Dr. Kelley had made a special study of institutions for the feeble-minded.

After Edward F. J. Lindberg, the former quarter-miler of the University, had won the national championship at Pittsburgh before a crowd of 40,000 people he was asked to tell in his own way how he came to win. Mike Murphy stated that had the race been run on the Harvard stadium the world's quarter mile record would have been equalled or broken. The statement of Lindberg is as follows:

"Why am I in this race?" I thought, as I wobbled up to the start, weak-kneed and hesitating. I knew that it was to be the hardest race of my career. I saw the crowds—saw the people, but did not recognize a face. It was as if I were looking at a lot of ghosts.

"Crack! the pistol sounded. I thought it was a great cannon. Almost mechanically I was in the race. I have no distinct recollection of the real start. I sprinted like mad to the first turn, wishing to keep any position I might have gained. After a slight brush with my next-door neighbor—who seems to have taken delight in prodding me in the ribs—I managed to obtain an ideal running position directly behind the two leaders.

"One-half the race, 220 yards, was traversed and they were running like frightened deer. I clung to them, refusing to be shooed off. After 300 yards the second man challenged the leader, and I—why, I lost ground. I relaxed. I realized that it would be a finish fight, 100 yards to go, and the taut tape looming up ahead as wide as a strip on an aviation course. Could I get them? I must catch them.

"But suddenly their heads were thrown back. Their strides faltered. Then the greatest thrill I ever experienced in athletics came over me. The thought obsessed me that I could triumph. It seemed cruel to take advantage of faltering rivals, but I heard nothing except my own thought—yes, I could hear my brain saying, 'You must pass them—hurry, hurry!'

"I gritted my teeth so they were sore for days, and at the supreme moment hurled myself at the leaders, or rather at the big ribbon of tape that was blurring rapidly before my eyes. The next morning I smiled—and some one said to me, 'Lindy, you won.'"

Carl H. Hoge's address in Seattle, Wash., is now 918 26th ave.

1910

L. R. Gulley, care of the Burr co., Champaign, Illinois, Secretary

The secretary and his staff of assistants are confident that the 1910 reunion will be about the only one worth coming back for. The accompanying picture has been sent out by the committee to all the brethren.

H. T. McAllister should now be addressed at 167 Twelfth st., Milwaukee, Wis.

"Civil Engineer and Surveyor," reads the letter-head of H. E. Crossland of Watseka.

Nelle Wilson (Scott), *lib.*, and Roy Scott are the parents of a daughter, Dorothy Jane, born in Jacksonville, Feb. 21.

T. McLean Jasper, a sanitary engineer of Chicago, sailed Mar. 26 for England to join Kitchener's army. Trained in a middle west university and in experience in the offices of prominent sanitary engineers, in official positions having to do with the garbage question and with the efficiency division of the Civil Service Commission, Mr. Jasper will undoubtedly be detailed at once to the sanitary problems for which his training so well fits him. He graduated from the University in 1910, but previous to that time was an operator and turbine engineer at the Fisk st. power station, Chicago, and also engineer in charge of

a large drainage survey near Spokane, Wash. With Alvord and Burdick, consulting engineers, Chicago, he assisted in making waterworks valuations, hydro-electric tests, and in preparing Mr. Alvord's expert evidence on the New York sewage pollution case. In 1913 he was assistant examiner of efficiency in the bureau of efficiency, civil service commission. His most arduous task was the development of plans and construction of the temporary garbage plant in the Chicago health department, a

W. W. Dale is doing the work of four parishes around McIntosh, Minn. His letter-head reads Wm. Wilbur Dale, Congregational Pastor, McIntosh, Minn.

Alpheus Gustin, *law*, is an attorney in Harrisburg, Ill.

Adelaine Brainard was soprano soloist at the annual concert of the University Military band Mar. 6.

Nina Gresham is teaching in the schools of Mattoon.

J. R. Shulters, who had been appointed instructor in French in the Univer-

FIRST CALL OF COMPANY "1910" FOR MOBILIZATION



measure so successfully carried out that the garbage company was speedily brought to reasonable terms of sale. During this period he acted as secretary to the commissioner of health and to the city waste commission. Recently he has been doing efficiency work in the board of health. Mr. Jasper has relatives at the front and bears letters to officials high in authority so that doubtless he will be given no menial task.

The address of George S. Ward, *law*, is Hotel Del Prado, Chicago.

sity of Michigan, has been obliged to withdraw on account of ill health.

A. B. Sawyer Jr. is manager of the Sawyer ranch, Norbonne, Mo.

Alvin R. Peterson may be addressed at Washington, D. C., care of the bureau of corporations.

1911

Ruth M. Burns, Macomb, Illinois, Secretary
 Joseph N. Thoren, *c.e.*, and Mrs. Thoren are the parents of a baby boy, born about the middle of March.

Helen Stevenson, *mus.*, and O. F.

Strauch, *m.e.*, '06, were married at Waverly, Pa., on Jan. 2. They will make their home in Kellam, Alberta.

The marriage of Ethel Drummond (Chase), *la.*, and Frank Chase, *ag.*, '12, was announced in the *Quarterly* for October, 1914, as well as 1913. The error was due solely to lapsus temporis. October, 1913, is the date.

Gertrude B. Schill, *la.*, who is now a senior in the physical training department of Wellesly college, is writing a thesis on the history of physical training and athletics at the University of Illinois.

Dorothy Alice Thrasher was born to Harry Thrasher, *la.*, and Alice Meisenheimer (Thrasher) on Oct. 16, 1914.

The marriage of Otto Kline, *m.e.*, and Miss Irene O'Neal of Pine Bluff, Ark., took place Dec. 19. They live in Little Rock, Ark., where Mr. Kline is assistant superintendent in the Iron Mountain railroad shops.

Albert F. Laurence, *ag.*, and Frances Swanson (Laurence) announce the birth of a daughter, Evelyn Margaret, on Mar. 21.

A. B. Dunham should be addressed in Minneapolis, Minn., at 512 Essex bldg.

H. C. Ou should be addressed at Kwantung, China.

The address of H. B. Woodward has been changed to Almont, Mich.

C. W. Pollock has moved from Indianapolis to Chicago (2204 Orchard).

C. H. Kallstedt is with the Western united gas and electric co., Aurora.

Helen M. Milligan has been since Feb. 15 teaching in the seventh and eighth grades of the East school, La-Grange. Her home address is Hinsdale, 109 s. Washington st.

K. B. White, *ce.*, is again with W. S. Shields at 1201 Hartford bldg., Chicago.

"Living as I do within a few blocks of the campus I keep in rather close

touch with the University," says Orpha M. Wellman; "but no other publication connected with the University is so authentic and newsy as the *Quarterly* and *Fortnightly Notes*, and no other publication quite fills their place."

William W. Cort, A.M., Ph.D., '14, who is assistant professor of zoology in Macalester college, St. Paul, Minn., will be an instructor in the summer session of the University of Wisconsin.

Paul A. Smith is superintendent of schools at Washington, Ill.

1912

Mildred V. Talbot, 415 west 118th street, New York City, Secretary

Chandler Prince, *ee*, is assistant engineer with the Illinois public utilities commission at Springfield.

G. A. Harnack has changed his address from Muscatine, Ia., to 1310 w. University ave., Urbana.

Hugh H. Tolman was married Mar. 31 to Marthena Elizabeth Lumb at Red Oak, Ia. They will be at home there after June 15, 1107 Corning st.

A. F. Connard is located at the Rowe mine, Riverton, Minn., where he is at work on the details of an iron ore washing plant to be erected during the summer. Frank Hutchinson is the chief engineer.

J. P. Hanna should now be addressed at 187 Oak ave., Urbana.

The new address of C. C. Wilmore is 5736 Page blvd. "I received a card from Chuck Warnock the other day. He was in Mississippi most of the winter."

W. W. Manspeaker should now be addressed at 39 w. 10th ave., Columbus, Ohio.

D. L. Kays is assistant professor of animal husbandry, Ohio State university, Columbus.

Niles Carpenter, now attending Northwestern university, was one of the prize-winners in the essay contest con-

ducted by Hart, Schaffner and Marx. He was awarded \$200 for his essay, A Comparison of the Financial Operations of the General Electric co. and the Westinghouse Electric and manufacturing co. During the Panic of 1907, and the Period Preceding.

Esther B. Seeley, *la*, is teaching at Normal. Her address is 215 N. School st.

1913

Mabel Haines Cleave, Prairie View farm, Marseilles, Illinois, Secretary

Ben Crowder is representative for Washington State of the B. H. Sanborn co., textbook publishers of Chicago. His headquarters is in Seattle. Mr. J. McFarland, '07, is secretary of the firm.

The address of George S. Nutt, *chem*, has been changed to 174 N. Carolina ave., S. E., Washington, D. C. He is assistant chemist in the internal revenue laboratory of the treasury department.

The address of Harold Hecht has been changed to 29 S. LaSalle st., Chicago.

Y. Young has moved from Urbana to Shanghai, China, Nanyang middle school.

F. M. Atkinson is with Sweet Orr and co., Chicago.

E. E. Sandall has moved from Burlington to Sycamore, 121 Alma st. He is still farming.

Address A. W. Claussen at 227 138th st., Chicago.

Eva J. Fisher should now be addressed at 573 Holden ave., Detroit, Mich.

Jack Case is teaching in the high school at San Jose, Cal.

The secretary was married on Feb. 9 at the home of her mother in Urbana to Scott W. Cleave, '11. The house was decorated with southern smilax, orange blossoms and pink roses. Miss Eleanor Bogart, daughter of Professor

E. L. Bogart, was flower girl. The bride was attended by her brother, Forrest L. Haines, '16. Rev. Wilson of the First Presbyterian church of Urbana officiated.

Mrs. Cleave has studied art and music extensively. She was active in Y. W. C. A. work while in the University and is a member of Alpha Chi Omega.

Mr. Cleave graduated in agriculture in 1911 and is a member of Acacia, Shield and Trident, and Alpha Gamma Rho. Mr. and Mrs. Cleave will live on his farm, "Prairie View," near Ottawa.

W. S. Woo is in the salt business at Hankow, China.

Robert W. Hoffman has resigned his place at the University and is now superintending the landscape construction work on the Henry W. Ford farms at Dearborn, Mich. An account of the immense work he has in charge will appear in the next *Quarterly*.

Wen-Yu Shen is industrial advisor to the governor of Shantung, China. He should be addressed in care of the normal school, Chinan, Shantung.

L. C. Kent's new address is 33 Stanwood road, E. Cleveland, Ohio. "No, I'm not married yet," he writes. "Know of any desirable eligibles?"

H. Y. Moh, who took his M.S. degree at the A. and M. college of Texas last June, is manager of a cotton mill company which he organized immediately after his return to Shanghai, China. He has a private experiment station farm near Shanghai. "I always remember," he says, "the good education, good care, and good time received from our Alma Mater and friends."

H. J. Rucker has moved from Jacksonville to Geneseo.

H. L. Foster has moved from Ashland, Wis., to Milwaukee, 186 28th st.

C. C. Yen is professor of mathematics in the Tong Shan railway and mining college, Tong Shan, China.

Martin R. Hornung has changed his address to Trenton, N. J., Cook Y. M. C. A.

A. W. Davis was married in Chicago Mar. 31 to Edith M. Norris. They will be at home after June 1 at 1318 N. Kedzie ave.

P. K. Loh is a teacher in the chemistry department of the Shantung normal school, Shantung, China.

Harold Clayberg is instructor in trigonometry and botany in the Monroe city high school, Monroe, La.

L. J. Conboy is teaching in Dubuque, Ia.

1914

Naomi Newburn, 1006 west Main street, Urbana, Secretary

Judging from the replies that have come in the indications are that our first anniversary reunion will be celebrated in good style. No one will be more glad to see and meet all of the 1914 people in June than the secretary. Here are some of the answers that have come in.

R. B. KESSLER (Tulsa, Okla.)—I regret that I will be unable to get back for the reunion this year, but am living in the hope of coming when I can. I am now with the Oklahoma natural gas co., Pioneer bldg. Saw P. E. Gumm, '11, the other day in Boynton.

LULA DEXTER (Urbana)—Of course I shall be at the '14 reunion.

EDA JACOBS (Murphysboro)—I am sorry that I cannot be at the reunion, as duty calls me away. Egypt is a pretty good corner of the state.

ELIZABETH DONALDSON (Thomasboro)—I shall be back for the reunion in June. [Miss Donaldson is principal of the school at Thomasboro.]

ELIZABETH CLAUSEN (Hull House, Chicago)—I'm going to make a desperate effort to come back for our first anniversary reunion. [Miss Clausen teaches cooking to the trade school girls

in Hull House. There are 96 girls in the class.]

CHARLES APPLE (With highway commission, located in state at large)—I expect to be stationed in Champaign soon and am looking forward with pleasure to our first reunion. I made a six weeks trip last winter to California to pick oranges and roses, bathe in the surf and enjoy all the attendant pleasures of that delightful winter climate.

ALFRED HAWLEY (Pittsford, N. Y.)—In answer to your question, "Are you coming to the first reunion of grads," I am very sorry to say "no." I have looked forward to this first anniversary with pleasure, but things have developed that will prevent me from attending. I have been busy at home remodeling farm buildings, so that this summer I may be free to work at my hobby—railroad construction in north-west Canada. I extend my very best wishes to the class and to the faculty and students.

PAULINE CARRIER GALEENER (Fairfield, Ill.)—I'm planning to come at Commencement.

RUTH REXWICK (Chicago)—I will surely be there for the alumni reunion and Commencement week.

V. A. ROLAND (Champaign)—I shall be glad to be at the reunion.

OTTO SCHAFFER (Lake Forest)—You may count on me as one who intends to be at the '14 reunion in June.

DOUGLAS TIBBITS—I cannot return for the reunion. I will be too busy cultivating corn, beans and potatoes on a good farm at Remus, Mich.

JESSIE ROTHGEB (Wellington)—I'm planning to be back for the reunion.

CLARENCE ORR (Virden)—Sorry to say I can not be back for Commencement. I trust many may be privileged to attend. I'm teaching science and civics in the high school here.

L. V. STARKEY—I expect to be present at the first anniversary of our gradua-

tion. I am teaching agriculture in the Platteville, Wis., state normal school. Will be here next year also.

RUTH HALLIDAY—With sincere regret I write to say I cannot come to our first reunion. I am teaching German in one of the junior high schools at Binghamton, N. Y., and shall not be free till June 27.

BEN S. FISHER—Am sorry I will be unable to attend the reunion, as the distance is so great. I am practicing law with a very good firm in Marshfield, Ore.

J. W. ANDERSON—In Pittsburgh with Universal Portland Cement co. I am glad to say that if everything goes well I will be at Illinois this coming June.

RAYMOND M. STEVENS, Stevens and Stevens, Engineers and architects, 1301 L. C. Smith Bldg., Seattle, Wash.—I am afraid that owing to distance, I will be unable to attend the Commencement anniversary next June.

B. DASS—I expect to attend the reunion next June and meet all the members of my class.

ALFRED RAUT—I am very sorry not to be able to come to Commencement this year. I am working for the department of agriculture, and they have some very strict rules about leave of absence. I am delighted with my work here as county agent. [Burkeville, Va.]

H. G. WOOD (Wilkinsburg, Pa.)—I can hardly hope to get back this year. I am employed by the Westinghouse electric and manufacturing co. Jack Featherston, John Anderson and Doc Cockrell are here also.

F. L. WHITE (Beloit, Wis.)—I am sorry I will not be able to attend, unless some unforeseen good fortune brings me south in June. My next visit to Champaign will probably not be before Homecoming.

K. E. Rockhold may now be addressed in care of the L. E. Rodgers engineering co., 30 N. LaSalle st., Chicago.

John Skinner teaches in the Chicago public schools.

Enos Waters is farming near Carlinville.

John Housman is with the Goodman mfg. co., 48th place and Halsted, Chicago.

Charles Velvy is teaching manual training, commercial arithmetic, book-keeping, and mechanical drawing at Howe military academy, Howe, Ind.

Glenn Thompson Ross is a clerk in Busey's bank, Urbana.

Walter J. Bublitz is with the George A. Fuller co., Chicago, 901 N. Fairfield ave.

James McGrath is principal of the Latham high school.

Herbert Stafford is assistant superintendent of a canning co. at Long Beach, Cal., 717 Daisy ave.

Lewis Linder is a clothier in Charleston.

Dean Chase is in the water department of the city of St. Louis.

James A. Wilson is doing special work for the C. C. C. & St. L. ry. His address is 2110 Prospect st., Indianapolis.

Harris J. Harmon is resident engineer in charge of the Elsberry drainage district for the Harman eng. co.

Annirene Kirkland is a teacher of German and English in the Westfield high school.

Paul Handke is with the Furlington paving brick co., 135 Kellogg st., Galesburg.

E. R. Suter has changed his address to 109 Knowles st. E. Cleveland, Ohio.

The marriage of Du Bois Marquis, *ag*, and Margaret Raymond of Evanston was announced for Mar. 9. Miss Raymond is a graduate of Northwestern.

Bernice Wilson, formerly of Urbana, should now be addressed at 319 S. Second st., Rockford. She is in charge of the high school lunch room.

"I find the *Notes* and *Quarterly* interesting reading because of the style in

which they are written," says David Riff of Minneapolis. "They keep me in touch not only with the life on the campus but also with the activities of my classmates, and other alumni of my acquaintance."

L. A. Triggs has moved to Elgin, 379 Division st. He is doing accounting work in the offices of the Chicago and Northwestern in Chicago.

E. M. Lurie is in the office of A. N. Lurie, mechanical draftsman, 1871 s. Kedzie ave., Chicago.

Valentine Carney was married to Mary I. Jennings, ex-'18 of Champaign on Feb. 2. They will live on a farm near Charleston.

Howard J. Burger died on Mar. 2 at Woodstock, after a year's illness from tuberculosis.

The marriage of Mayme Kegley, *la*, and Leon Nettleship took place on Mar. 27 at Los Angeles, Cal.

Gladys Johnson (Flanders), *ex-mus*, died on Feb. 22, 1915, at Chicago, from the effects of an operation. She was the wife of Paul Flanders, ex-'11.

Mary E. Gildersleeve is teaching at Pawnee.

H. F. Brannon and A. V. Essington passed the state bar examinations at Ottawa held late in February.

Harry Bauer is instructor in agriculture in the Englewood high school.

H. G. Karges is employed by W. E. Russ, architect, 1405 merchants' bldg., Indianapolis, Ind.

K. E. Rockhold may be addressed in care of the L. E. Rodgers engineering co., 30 N. La Salle st., Chicago.

F. C. Feutz was married on Nov. 25 to Nellie Hubert of Watseka. They are living at 711 N. Walnut st., Danville

Henry Hyde was married to Gussie Parker at Chicago Jan. 6. They will live at Shabonna Grove.

Roy Newbold is now in the architectural offices of H. R. Temple in

Champaign. He formerly was with Hotchkiss and Harris, Peoria.

Isham Randolph is now living at the Kenwood hotel, Chicago.

The engagement of Warren W. Crabb of Delavan and Elizabeth Monroe of Bloomington has been announced. Mr. Crabb is in business with his father in the Tazewell county national bank.

Lelia Swearingen, *la*, is teaching school near Pesotum.

Jules Robert is teaching at Renselaer polytechnic institute, Troy, N. Y.

E. C. Prouty has changed his address to 318 w. 57th st., New York City.

ex-'15 The marriage of Walter McGuire and Florence Ethel Walsh took place Jan. 16 at Chicago, her home. They will live at 500 Adams st., Glencoe.

ex-'15 W. C. Rappleye, who is studying at Harvard, writes a long letter about his work. He expresses appreciation of the training he received at Illinois, and fills a couple of pages with news items of alumni.

ex-'15 Leon Swartz, *ag*, was married on Feb. 11 to Neva Bell, ex-'17, at the home of her mother in Urbana. They will live at Matthews, Mo., where Mr. Swartz is associated with his father and brother in farming.

ex-'15 W. W. Hixon and Bernice L. Mench were married on Dec. 13 at Urbana. They will be at home after Jan. 20 in the Orlando flats, Urbana.

ex-'15 Florence Kendall, *hsc*, won first prize in the contest conducted by the Chicago cement show for the best design of a "dream home," to be made of cement. The prize is a cement bungalow, and will be built at Grass Range, Mont.

ex-'16 Grace Havens, *hsc*, was married on Dec. 23 to James Ricard, superintendent of the Fort Lauderdale, Fla., public schools. Miss Havens was formerly a resident of Chicago. Professor Ricard is a De Pauw graduate.

ex-'16 "I trust that this munificent contribution," writes W. M. McKim from Sterling, "will keep you afloat. I wouldn't miss the *Notes* and the *Quarterly* for anything."

ex-'16 Frank Fletcher is on the squad of the Philadelphia National baseball team.

ex-'17 A. E. Kern is assistant editor of the *Belleville News-Democrat*.

ex-'17 Hazel Roe was married on Feb. 17 at Urbana to Charles Williams. They are living near Oakland, where Mr. Williams has a farm.

MARRIAGES

ex-'98 Lele Dawson to James G. Parrshall, on Mar. 12, 1915, at St. Louis.

ex-'03 Alvah L. Wagy to Addie Dewitt, on Dec. 10, 1914, at Rochester, N. Y.

1906 O. F. Strauch, *me*, to Helen Stevenson, on Jan. 2, 1915, at Waverly, Pa.

1906 George Awsumb, *arch*, to Ella Mabel Wells, on Jan. 1, 1915.

1906 Charles H. Healy to Louise Williams, on Nov. 26, 1914, at Fayetteville, Ark.

1906 Frank M. Bumstead, *lib*, to Amy Bruce, in Mar., 1915, at Berkeley, Cal.

ex-'08 Wilma Beebe, *la*, to Dr. V. E. Dudman, on Feb. 20, 1915, at Kan-kakee.

1909 Harry J. Wernsing to Mabel S. McDougall, on Feb. 3, 1915, at Springfield.

1909 Thomas J. Wright, *ry cc*, to Ruth Porter, on Nov. 18, 1914, at Charlotte, N. C.

1909 Thomas W. Samuels, *la*, J. D., '15, to Pauline Flickinger, ex-'08, on Oct. 29, 1914, at Atwood.

1909 Lion Gardiner to Pauline Van Cleef Dodgshun, on Mar. 25, 1915, at Chicago.

1910 H. T. McAllister, *chem*, to Catherine Merry, on Jan. 23, 1915, at Milwaukee.

1910 Irene Burrill, *la*, to Henry M. Dansie, on Sept. 3, 1914, at Colorado Springs, Colo.

ex-'10 Otto Kline, *me*, to Irene O'Neal, on Dec. 19, 1914, at Pine Bluff, Ark.

ex-'10 W. J. Cross, *me*, to Maybelle Schmachtenberger, on Nov. 17, 1914.

1911 Jacob W. Meyers, *la*, *law*-'13, to Myrtle Grigsby, ex-'14, on Dec. 30, 1914, at St. Charles, Mo.

1911 Scott W. Cleave, *ag*, to Mabel Haines, *la*-'13, on Feb. 9, 1915, at Urbana.

1912 Louise Nierstheimer, *la*, to Fred Steven, on Jan. 6, 1915, at Pekin.

1912 Hugh Harrison Tolman to Martha Elizabeth Lumb, on Mar. 31, 1915, at Red Oak, Ia.

1913 Manley Mathers, *ag*, to Blanche Fay Merritt, on Dec. 30, 1914, at Mason City.

1913 Mabel Haines, *la*, to Scott W. Cleave, *ag*-'11, on Feb. 9, 1915, at Urbana.

1913 Cleaver Thayer, *bus*, to Frances Inglis on Jan. 20, 1915, at Morgan Park.

1913 Noble Arnold, *mse*, to Helen Ruth Gardner, on Sept. 25, 1914, at Chicago.

ex-'13 George W. Porter to Mary Frances Stitt, on Feb. 16, 1915, at Urbana.

ex-'13 A. W. Davis, *ag*, to Edith M. Norris, on Mar. 31, 1915, at Chicago.

ex-'13 Mary I. Jennings to Valentine Carney, ex-'14, on Feb. 2, 1915, at Champaign.

- cx-'13 Alfred A. Andrews to Mary Ethel Clark, on Mar. 10, 1915, at Gene-sco.
- 1914 Francis Marion Cockrell to Margaret Benbow, on Oct. 28, 1914, at Ft. Madison, Ia.
- 1914 Du Bois Marquis, *ag*, to Margaret Raymond, on March 9, 1915, at Evanston.
- 1914 F. C. Feutz to Nellie Bubert, on Nov. 25, 1914, at Watseka.
- 1914 A. V. Lopez, *ce*, to Nellie E. Goddard, on Jan. 29, 1915, at Champaign.
- ex-'14 Mayme Kegley to Neil Nettleship, on Mar. 27, 1915, at Los Angeles, Cal.
- ex-'14 Valentine Carney to Mary I. Jennings, ex-'13, on Feb. 2, 1915, at Champaign.
- ex-'14 Henry Hyde to Gussie Parker, on Jan. 6, 1915, at Chicago.
- ex-'14 Frances E. Hayes to Henry Lancaster, on Dec. 8, 1914, at Bunker Hill.
- ex-'15 Leon Swartz, *ag*, to Neva Bell, ex-'17, on Feb. 11, 1915, at Urbana.
- ex-'15 Walter McGuire to Florence Ethel Walsh, on Jan. 16, 1915, at Chicago.
- ex-'16 Grace Havens, *hsc*, to James Ricard, on Dec. 23, 1914.
- ex-'17 Neva Bell, *la*, to Leon Schwartz, ex-'15, on Feb. 11, 1915, at Urbana.
- ex-'17 Mabel Roe to Charles Williams, on Feb. 17, 1915, at Urbana.
- ex-'18 Pauline Flickinger to T. W. Samuels, *la*-'09, on Oct. 29, 1914, at Atwood.

BIRTHS

- 1901 To George Russell Carr, *chem*, and Mrs. Carr, on Mar. 18, 1915, a daughter, Katherin Mortenson.
- 1902 To Lewis Omer, and Edith Nevins (Omer), on Nov. 15, 1914, a daughter, Mary Hortense.
- 1903 To Marjorie Forbes (Wilson), *la*, and J. W. Wilson, *arch*-'04, on Mar. 30, 1915, a son.
- 1903 To Grace Martin (Baxter), *law*, and Miles E. Baxter, *mc*-'06, on Feb. 13, 1915, a daughter, Billie Baxter.
- 1904 To Joseph W. Wilson, *arch*, and Marjorie Forbes (Wilson), *la*-'03, on Mar. 30, 1915, a son.
- 1905 To Edgar W. Wagenseil, *mc*, and Ruth Taylor (Wagenseil) on Oct. 26, a son, John W.
- 1905 To C. B. Dickey and Edna Miller (Dickey), on Oct. 12, 1914, a son, Robert Edwin.
- 1906 To Miles E. Baxter, *mc*, and Grace Martin (Baxter) *law*-'03, on Feb. 13, 1915, a daughter, Billie Baxter.
- ex-'07 To A. E. Huckins and Clara Gere (Huckins), on Feb. 23, 1915, a daughter.
- 1908 To H. T. Scovill and Edith Stewart (Scovill), '11, on Feb. 13, 1915, a daughter, Mary Josephine.
- 1908 To Vida Gentsch (Cochran), *la*, and R. C. Cochran, on Mar. 12, 1915, a son, Richard Austin.
- ex-'08 To W. S. Hubbard, *chem*, Ph.G.-'04, and Mrs. Hubbard, on Jul. 17, 1914, a daughter, Rachael Ann.
- 1910 To Thomas W. Walton, *la*, A.M.-'11, and Margaret Weinberg (Walton), *la*, on Dec. 11, 1914, a son, Thomas W. Jr.
- 1910 To Nelle Wilson (Scott), *lib*., and Roy Scott, on Feb. 21, 1915, a daughter, Dorothy Jane.
- 1910 To D. A. Pierce and Mary Clellah Coley (Pierce), '11, on Oct. 9, 1914, a son, James Donald.
- 1911 To Dorris M. Hitch, and Rhoda Adriance (Hitch), *la*-'12, on Mar. 22, 1915, a son.
- 1911 To Harry Thrasher, *la*, and Alice

- | | | | |
|------|---|------|---|
| | Meisenheimer (Thrasher), on Oct. 16, 1914, a daughter, Dorothy Alice. | 1911 | To Joseph N. Thoren, <i>ce</i> , and Mrs. Thoren, in March, 1915, a son. |
| 1911 | To Albert F. Laurence, <i>ag</i> , and Frances Swanson (Laurence), on Mar. 21, 1915, a daughter, Evelyn Margaret. | 1912 | To John Nelson Todd, <i>me</i> , and Margaret May Fordyce (Todd), on Jan. 4, 1915, a son, John Fordyce. |
| 1911 | To Joseph N. Thoren, <i>ce</i> , and Mrs. Thoren, in March, 1915, a son. | 1912 | To Rhoda Adriance (Hitch), <i>la</i> , and Dorris M. Hitch, <i>la-'11</i> , on Mar. 22, 1915, a son. |
| 1911 | To Mary Clellah Coley (Pierce), and D. A. Pierce, '10, on Oct. 9, 1914, a son, James Donald. | 1913 | To Harry Bruce Piper, <i>ag</i> , and Mrs. Piper, on Jan. 23, 1915, a son, Harry Bruce jr. |

DEATHS

- | | | |
|--------|---|---|
| ex-'72 | Daniel Mackay, born in 1851, died in January, 1915, in Carroll county, Ill. | Sept. 12, 1881, at Urbana, died Mar. 30, 1915, at Battle Creek, Mich. |
| ex-'74 | T. S. Ellison, died Jan. 15, 1915, at Fort Myers, Fla. | |
| ex-'04 | Elizabeth Webber, <i>mus</i> , born | ex-'14 Gladys Johnson (Flanders), died Feb. 22, 1915, at Chicago. |

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THE ILLINI CLUB OF BRAZIL.

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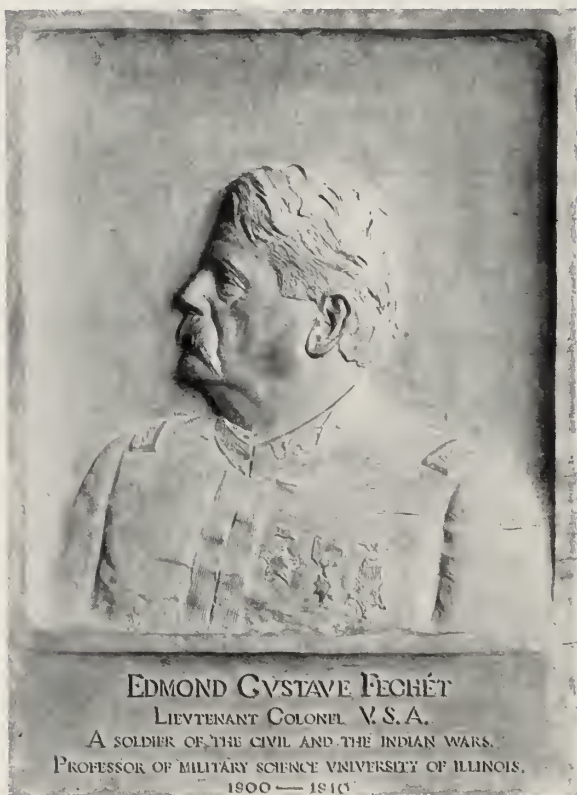
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EDMOND GUSTAVE FEHÉTY

LIEUTENANT COLONEL U. S. A.

A SOLDIER OF THE CIVIL AND THE INDIAN WARS.

PROFESSOR OF MILITARY SCIENCE UNIVERSITY OF ILLINOIS.

1900 — 1910

The Alumni Quarterly

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FECHET AND MILITARY AT THE UNIVERSITY

[The observance of military day May 31 attracted unusual attention, not only because of the universal interest in military affairs but also because of the prominence of the orator of the day, Major-Gen. Leonard Wood, and the presentation to the University of a bronze tablet in memory of Col. Edmund Gustave Feché, Professor S. A. Forbes making the presentation speech. "The Colonel," as he was affectionately known to thousands of alumni, was commandant of cadets from 1900 to 1910. He died Nov. 16, 1910.]

EDMUND GUSTAVE FECHET

STEPHEN ALFRED FORBES

Fifty-four years ago the nineteenth day of this next month, Edmund Gustave Feché, a muscular and full-blooded youth—as he was lately described to me by a comrade who knew him at the time—offered himself at Port Huron, Michigan, for service in the great war then raging in the southern states. He must have been a boy of unusual military promise, for although not yet quite seventeen years old—a full year, that is, under the minimum age for military service—he was not only enlisted in the 9th Michigan infantry, but he was at once made a sergeant, and, a little later, first or orderly sergeant of his company. One of the very youngest boys, no doubt, in his regiment, he must have had under his command men much older, more experienced, and better educated than himself—a test of his native stamina and ability made much more severe by the fact that he was presently in the field with his regiment in Virginia, engaged in some of the bloodiest battles of the Civil War.

Within fifteen months of his enlistment he had fought at Ball's Bluff, Yorktown, Fair Oaks, Peach Orchard, Malvern Hill, South Mountain, and the second battle of Bull Run; and when but two months past his eighteenth birthday he was severely wounded at the battle of Antietam by a shot through the right lung. That he had not only made good, but

had distinguished himself as a soldier and a commissioned officer, is attested by the fact that he was now commissioned second lieutenant of his company, to date from the day of this battle; and by the still more significant fact that five years later, when the military honors of the Civil War were being distributed, he was distinguished by the brevet rank of captain conferred upon him for gallantry and meritorious services at Antietam. Three months after that fight he was in the battle of Fredericksburg, and the following summer, having been promoted to first lieutenant in the meantime before he was nineteen years old, he fought in the terrific battles of Chancellorsville and Gettysburg.

His wound seems to have troubled him, however, and he resigned his commission and was mustered out for disability two years and one month after his enlistment. But the fire of battle was in his veins; and no doubt the company of the mollicoddles, copperheads, and other so-called "stay-at-homes" was uncongenial to him as it will be to you, young gentlemen, if your country ever summons you to her defense in time of war; and so, two and a half months after his first discharge he was back in the army—this time in the 10th cavalry regiment of Michigan, his native state. Again he began at the beginning, as an enlisted man; again he was at once made a sergeant—this time quartermaster sergeant of his company; and again he was promoted to second lieutenant and first lieutenant successively, serving for two years more, mainly in eastern Tennessee, and finishing with the famous Stoneman raid into North Carolina in March and April, 1865. Upon the collapse of the rebellion he was mustered out with his regiment in November of that year, when he was twenty-one years and four months old.

I have given this part of his career in some detail because, as he was then near the age of the young college men before me here, you will especially appreciate his experiences, and the kind of preparation for life which he had received, as compared with your own.

Most of the young citizen soldiers of the 60's were eager to return to civil life, whatever their handicap; but Lieutenant Fechét seems to have been a soldier born, and he elected to continue in his country's service.

Appointed second lieutenant of cavalry in the regular army of the United States nine months after his discharge from the volunteer service, he began a career of thirty-two years of unbroken army life, spent mainly on the plains and in the mountains of our territories, in frequent conflict with the western and southwestern Indian tribes. I have neither the time nor the data for any narrative of his services and adventures as an Indian fighter during this long period, and will mention only his important part in the famous campaign of 1883 and 1884 against the noted Apache chief Geronimo, and the capture of the Sioux warrior, Sitting Bull, by forces under his command in 1890. Advanced through the intermediate grades to that of major, which he reached in 1891, he was

retired from active service in 1898, for disabilities incurred in the line of his duty.

Two years later he was appointed to the University of Illinois as its professor of military science and commandant of its corps of cadets; and he thus began, after his active life seemed ended, what upon a survey of his whole career, we may look upon as perhaps the period of his greatest usefulness—a fit culmination of the patriotic services to which he had devoted his life.

When he first appeared upon the campus in the fall of 1900, this grizzly old Indian fighter, this battle-scarred hero of the Civil War, made, as may be imagined, a picturesque and conspicuous figure. No one ever thought of calling him professor; and he remained "the Major" in community and university circles, even after he was promoted in 1904 to the rank of lieutenant-colonel, retired. Meeting and commanding, as he did, practically every American young man who came to the University from 1900 to 1910, endowed with personal traits which made him a center of interest and attention wherever he went, a heroic model of the American veteran soldier, peremptory and stern on duty, but with a warm heart in his iron bosom, the natural friend and companion of young men—who might sometimes fear him, it is true, but who admired and loved him more—with a habit of bluff humor which made even his reproofs less crushing, he rapidly became not only one of the most important but one of the most popular men in the University. The students sought him habitually for their social meetings, and nothing seemed to delight him more than to be taken into their counsels as one of the boys. And all of his influence, experience, knowledge of men, and patriotic devotion to his country's service was brought to bear for the training and inspiration of more than five thousand young men—the pick of the youth of the commonwealth—each of whom came under his instruction for two years or more at this University. They are now scattered far and wide, but, wherever they are, *they are prepared for war*, if war unhappily shall come to us—and they will never forget Colonel Fechét.

When he died here in November, 1910, shortly after increasing disabilities had compelled him to close his connection with the University, it seemed to members of the faculty, to students and alumni, and to his friends outside the University, that the memory of such a man should not be left entirely to the chances of tradition and the printed record, but that there should be placed here a significant permanent memorial of his life and services; and a committee was constituted to raise a subscription and provide such a memorial. This committee, Mr. President, has now done its best to carry out this design, and it presents to you for acceptance by the University of Illinois, this inscribed tablet and portrait medallion, with the request that it shall be so placed that it may be easily seen by the university cadets, as they go to and from their military duties, that they may be thus every day reminded of the life and services of this gallant soldier, faithful instructor, and whole-souled friend.

MILITARY TRAINING FOR STUDENTS

LEONARD WOOD

I am glad to be with you today. It is singularly appropriate that on this day, which we honor, and on which we love to honor the men who took part in the great struggle for the life of the nation, we should have assembled here so many of the survivors of that great war, and with them this splendid body of young men who have prepared themselves to discharge their soldier obligation to the nation in case it should ever be necessary to do so. It must be a great satisfaction to you veterans of the Civil War to see this splendid group of 1800 young men, who are not only ready, but reasonably well prepared to serve their country. Your splendid record is an example and an inspiration to all of us. You can continue your work for the nation if you will strive on all occasions to impress upon the youth of the country the necessity of preparedness, and also strive to impress upon each and every one a sense of his personal responsibility to the country in case of trouble, and that it is not enough to be willing; one must be prepared. You who went through the great Civil War remember the great sacrifices which were made, and you appreciate how much less would have been the loss in blood and treasure had there been an adequate measure of preparation.

I wish to express my deep appreciation of the splendid work which has been done here by Major Webster and those who preceded him, but especially by Major Webster,—a work which could not have been possible had it not received the cordial and earnest support of President James and of the trustees of the University. Illinois is building well in establishing this splendid university and making military instruction an obligatory portion of the course, and has lived up to not only the letter but the spirit of the Morrill Act, under which the land grant colleges were established and endowed. Its purpose was to prepare officers for a time of need. Here the true spirit of the law has been met, and I trust we shall have eventually similar conditions in all other universities of this class.

No one who is at all familiar with the subject can question for a moment the economical value of military training. Young men who take it are better fitted to discharge the duties of civil life; they are better fitted physically, morally, and from the standpoint of discipline. They are better allround men; they have learned to do things thoroughly, promptly, when told and as told. We don't want war, and we can well strive to avoid it by all honorable means, but there will be in the future, as in the past, occasions which render resort to it inevitable. It is well to remember the advice of Washington, Jefferson and Adams, and of many other of our presidents, who have advised us that preparation is a great insurance of peace. Jefferson was so deeply interested in this matter

that he recommended that all our male population be trained and classified and that military instruction be made obligatory in our colleges, and said that until such had been done we never should be safe. If such advice was applicable in their time how much more is it applicable now, when improved means of transportation have divided the distance which separates us from other continents practically by ten, so far as moving great forces are concerned, and the conditions of preparedness are such among possible antagonists that their condition is one of instant readiness. On the other hand, modern weapons and armaments have advanced tremendously since the day of our early presidents. They are now intricate machines which require a long time to manufacture and a longer time to become familiar with, so that the period of training has been lengthened. Thus on the one side we have rapidity of approach and constant readiness, on the other side a necessarily long period of preparation, so that the advantage is all with the ready and the disadvantage with the unprepared, to an extent never known before. In this great republic, where the sentiment is properly opposed to a great standing army, it is necessary to build up a reserve of men and officers. I believe we should take each year from the graduates of military colleges of approved classification not less than 1,000 young men and commission them for a year as provisional second lieutenants in the various arms of the service (requiring only the simpler uniforms), and give them the pay and allowances of second lieutenants, commissioning them at the end of a year of satisfactory service, as officers of reserve for a period of ten years, to receive each year a small but fixed allowance for the upkeep of their equipment. Each year they should be called to the colors either with the regulars of the militia for from a week to ten days, during which period they should receive the full pay and allowance of their grade as reserve officers, whatever that grade may be. Approved candidates from the various summer camps should also be selected for this training, and be commissioned as reserve officers also.

When it is realized that to put ourselves upon a footing of reasonable preparedness in the way of officers for volunteers we should need from forty to fifty thousand, it will be seen how essential this preparation of officers is. There would be very few available from either the army or the militia without greatly weakening those forces.

The summer camps are doing splendid work. The men who have come to them have been among the best of our youth. They brought a keen intelligence to the work and have made progress which has surprised their instructors. Their work is deserving of all praise. We have not only gained in valuable material but each man who has been in camp, and last year the camps had representatives from 242 colleges, universities and technical schools, has taken back sound information concerning our military history and military policy, or lack of it. Each appreciates the folly of depending upon volunteers in a great war and knows how such

dependence has had to be supplemented in our wars by resort to the draft and to that most pernicious of all systems, the bounty system. Each has learned to take an intelligent view of our military needs. Personally I hope to see a system like that now in force in Switzerland and Australia in general force in this country. We, of course, shall require at all times a considerable standing army and a strong militia, well organized, made up of men each and every one of whom will go to the front, a militia which stands as an organized reserve, in reality a part of the first line. Such a militia can be created, and must be created, if the militia is to be a dependable force. The regular army must be strong enough for the garrison of the foreign station and for the peace needs of the nation at home. The country has grown of late years and assumed many new responsibilities, and its military establishment must be expanded to meet them. The sentiment of this country is strongly against militarism. Nowhere is this feeling stronger than in the army itself.

In conclusion, I wish you all possible success in the future and desire to express the hope that the military policy which at present distinguishes this university in all military matters will be continued here and copied throughout the country. Strive to impress upon our people the wisdom of securing an adequate military establishment, army and navy, and the militia of each, as being not only the best insurance of peace, but, if war comes, the only means of conducting it efficiently and with the minimum loss of life and treasure. Continue always in your efforts for an honorable peace, but do not forget that many a peace is more deadly than war, and while cherishing your aspirations for peace, do not for a moment forget that there is nothing in the history of the past or signs of the present to warrant the assumption that war is to be no more. We cannot with safety ignore the conditions which exist today, and we must be prepared to meet them. This we can do without diminishing our devotion to our ideals or our hopes and efforts for better conditions in the future.

EDWARD SNYDER¹

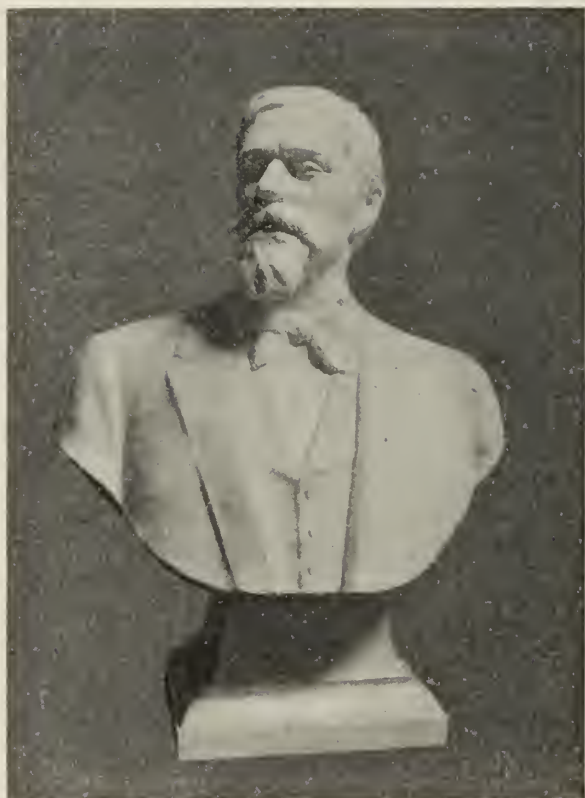
DANIEL KILHAM DODGE

Nobody who has been connected with the University as long as I have been can, even at this late date, speak of Professor Edward Snyder without emotion. For, like Charles Lamb, he had a genius for friendship and all who came in close personal contact with him felt the singular charm of his personality. To him may be applied with perfect fitness the quaint old English saying "Manners maketh the man." His fine courtesy might, I fear, be regarded by many nowadays as old-fashioned, but whether old-fashioned or not, it was far from mere politeness. It was the courtesy that comes from the heart and not from superficially acquired rules of conduct. It has been claimed that much may be learned of a person's true nature from his smile. Who that knew him will ever forget how Professor Snyder's face would light up at some timely jest or appropriate quotation or stimulating tale of heroism or self-sacrifice, and his rich, appreciative laugh was even more suggestive of his fine sociability. As I recall Professor Snyder from this side and remember the many genial hours spent in his company, I feel sure that he would wish us this morning to think of him in a spirit of cheerfulness, not impotently mourning for what we have lost, but rejoicing over the rich treasure that we who were his friends still possess because we were his friends.

In view of Professor Snyder's varied connection with the University as teacher, business agent, secretary of the Board of Trustees, Commandant and Dean, the question has been raised as to what is the most appropriate place in which to put this beautiful bust which we have just received from its maker. It should clearly be some place that is at the same time closely associated with Professor Snyder's memory and that will offer a ready opportunity for all to view this latest addition to the things of beauty of the campus. These conditions are, I believe, most fully met by the Woman's Building, not because it is the Woman's Building, but because it is the recognized social center of the University. In these cheerful surroundings the splendid head of Professor Snyder will appear, not as a gloomy *memento mori*, but as an incentive to all who view it to live finer, saner, more cheerful lives.

No less characteristic than his sociability and infinitely more important was his sense of honor. Unlike as they were in nonessentials, Professor

¹An address delivered June 15 at the alumni convocation on the occasion of the presentation to the University of a bust of Prof. Edward Snyder, who was a member of the faculty from the beginning up to 1896.



Snyder and Professor Shattuck were strikingly alike in their theory and practice of rectitude. Each man would have felt a dishonor like a stain and neither was capable of saying or doing a mean thing. Students of earlier days must have felt that in these two men they could find splendid examples of high character. As long as they lived, at least, the days of chivalry were not gone. Both possessed the natural dignity that repels familiarity. They commanded respect as a tribute to their characters.

Just a word about Professor Snyder as a scholar. In these days of productive scholarship we are surprised to find that Professor Snyder left no monument behind him in the shape of learned books or monographs. His scholarship was as old-fashioned as his manners, not a means to an end but an end in itself. I fear that at times when he saw his younger colleagues turning out books and articles, often prematurely, Professor Snyder was tempted to quote the familiar words of Pope, "Fools rush in where angels fear to tread."

When, after his death, twelve years ago, the announcement was made that Professor Snyder had left a large sum of money to the University, the interest on which was to be loaned to students, many persons were undoubtedly surprised. To the few who knew the facts there was nothing surprising in this. To them it seemed simply the crowning act of his life. For years, quietly, delicately, intelligently Professor Snyder had been in the habit of helping deserving students with just such loans from his modest savings and he wished his good work to continue after his death. It is only fair to add that in all his kindly relations to students and faculty Professor Snyder had a sympathetic supporter in Mrs. Snyder. It is a cause of regret that she cannot be with us this morning. Though separated from us by so many hundreds of miles, she is, I am sure, with us in spirit and sympathy.

Professor Snyder had been a soldier and he came to the University in 1868 as a veteran of two wars and with the severe military training of the Austrian army. This is a particularly appropriate hour in which to recall this side of our old teacher and colleague, a man who loved peace but who was ready

" . . . greatly to find quarrel in a straw
When honour's at the stake."

Both as instructor in military science and as commandant Professor Snyder took a keen interest in the University regiment and he would have rejoiced greatly could he have heard the warm words of praise of the regiment, now grown into a brigade, spoken recently by Major General Wood. We may be sure, too, that he would have enthusiastically supported President James's sane plan of national defense.

Professor Snyder could fight with words as well as with physical weapons. In dwelling upon his lovable side we must not forget that he was a strong man, a man of strong feelings and firm convictions and with

the courage of his convictions. Older members of the faculty will recall many an occasion when Professor Snyder would rise in his might and speak in no uncertain tones on some question in which he was vitally interested.

And now, on behalf of the University, which I have the honor to represent on this happy occasion, I accept with gratitude and warm appreciation this splendid bust of the man whose character has been so inadequately outlined in these brief remarks. Judged merely as a work of art it would deserve and receive our sincere gratitude, but as the work of a graduate of the University from a period when Professor Snyder was at his prime it possesses the personal touch that more than doubles its value for us. It is peculiarly fitting that the features of one who so dearly loved the University should be recalled by an artist who is himself an honored member, I might say, a Sachem, of the tribe of the Illini. Friends of the University when gazing on this bust will remember with pride, affection and gratitude both the subject and the artist.

SAMUEL WALKER SHATTUCK¹

THOMAS ARKLE CLARK, '90

When the history of any large enterprise or institution is written, it is usually seen that the responsibility for success, at the outset at least, has rested upon the shoulders of one or two men. The University of Illinois is under obligations to no man more than to Professor Samuel Walker Shattuck who established one of its most important departments and managed its finances with credit and distinct success for more than forty years. To the older alumni who were students of the University during any of the time from its organization until the last few years Professor Shattuck occupied a central position in University life.

He came to Illinois in September, 1868, only a few months after the University was opened, as assistant professor of mathematics and instructor in military tactics. In this latter capacity he was the first military commandant to direct the University corps of cadets. Of the early days I know but little excepting as I have heard the details from those who were acquainted with the life of the University at this time. The University life was simple at the outset, the students were few, and the faculty limited in number. The catalog of 1868-69 shows a corps of instruction numbering only eleven of whom but eight bore the title of professor. Most of the members of the faculty lived near the University as they do now, forming a sort of private community. Professor Shattuck lived for years at what is now 1207 west Springfield avenue,

¹Delivered at the University on June 14, 1915.

Urbana, and some of his children were born there. He entered at once into the general life of the students, and many of those who were enrolled during the early years of the University's development will remember his activities and his personal interest in them. He was alert to the social interests of the community, he attended public meetings for advancement of social and community conditions, he generally supported every worthy enterprise, and, though he never held public office, he was always seen at the polls whenever his vote was needed. He took a quiet active interest in religious matters. He was a regular attendant upon church services, was first warden of the Congregational church, and for many years he conducted a young men's class in the Sunday school—first of the Champaign Congregational church and in later years of the Champaign Presbyterian church. I remember with interest the class of which he was the teacher when I entered the Academy in 1885. He was a good teacher who held the attention of the young fellows and who managed them with dignity.

Those early days were strenuous days there is no doubt. The University had few instructors and little money, and there was much work to be done and serious need of spending the money wisely. From the outset Professor Shattuck seems to have shown a particular fitness for managing financial matters, and, during all the years that I knew him at least, he was the real financial head of the University, and, quite as much as was the President at any time, responsible for the conservatism which has always characterized the University in the expenditure of its funds, and for the financial soundness of its business policy. During his régime the University was always able to finish the college year without going bankrupt; money appropriated for one purpose was never used for another; and projects for which money was asked were always completed within the amount asked for in the appropriations. Because of Professor Shattuck's shrewd and careful management of funds the University was never called upon during the more than forty years of his administration to make explanation of unhappy financial complications. "My accounts are ready for inspection," he said in 1897 when the University treasurer had made way with a half million dollars of the University funds, and every one was wondering whether or not the institution might not be going entirely to the wall; and at all times from his taking up these financial matters until he resigned his position as comptroller he could truthfully have made the same statement. At this time referred to, when the financial foundations seemed to have gone out from under the University by the defalcation of its treasurer, many of Professor Shattuck's friends were concerned—not knowing what condition his affairs might be in—since the whole matter had occurred without warning or premonition. Offers of help and money came to him from his friends from all sides. "You need not be alarmed for me in any way," he said, "my books and my accounts will be found in order." And so,

until his last day of life, his accounts with men and with his creator were always found in order.

He was much more than a cashier or a paying teller; he had the real interests of the University at heart. If foolish inadvisable schemes were proposed, he could always show that there was no money available; but if money was needed in a pinch or for a worthy cause he always seemed able to find it. President Draper, who thought him one of the greatest men who has ever served the University, says of him:

"For ten years there was only a door, and often an open one, between our offices. They were busy years, and they brought out many troublesome questions, even many trying episodes, bearing upon the current business and the enlargement of the University. In temperament, ways, experience, and outlook we had little in common. Yet we never had a word, and I doubt if we ever had a thought, in disagreement. We could sit across a table and talk about a proposition in a moderate tone of voice until we saw the thing alike. When I asked him how much money we might add to the salary list next year, and he said \$30,000, and I came back in a week and said, 'I have got to add \$40,000 to the salaries or break more hearts than I am willing to break,' he would say, 'All right; I had expected half of that, and I will stand for the other half.' He was not only a 'steady' but a support. When the appropriation bills were made ready for the legislature he would say, 'If you can get that through you will be a dandy.' When the treasurer of the University stole half a million dollars, and I proposed to convert the amount of the loss into an everlasting obligation of the State at five per cent annual interest, he said 'That is too good to believe; it is too audacious to go,' and I answered that it would go because it was just and right and its audacity would help it, he said 'Well, go ahead and try it; if you can do that you will more than earn your salary for the year.' When the trustees had agreed to build a president's house, and the proposition failed in the legislature because I could not fight for it, and would not trade the Library building for it, he said, 'It will be a good policy to build that house and we must find a way for doing it;' and he found it. Yet he never stood more in awe of a president than of the last freshman on the campus."

Professor Shattuck was given the title of professor of civil engineering in 1870 and was made professor of mathematics in 1871, a position which he held until his death. During the first years of his teaching he might have said with Oliver Wendell Holmes that he did not fill a chair at the University, but that he occupied a settee, so varied and extensive were his duties. He gave at this time all the instruction offered in mathematics including plane and solid geometry, advanced algebra, trigonometry, and calculus, besides being responsible for other work in civil engineering. It was no quiet academic life for him.

During all the years from 1871 to 1905 he was the head of the department of mathematics, but in 1905 his other executive duties had

become so exacting that he yielded to the advice of his friends and gave up the active management of his department. At this time the President, wishing to relieve him of some of his duties, suggested that he discontinue his teaching entirely. "When I give up teaching, I shall give up the University," was his reply. For him always teaching was the main work of a University man. During the absence of Dr. Gregory he was for six months acting regent of the University in 1873, and about this same time he took up his duties as business manager of the institution, a position which he held until 1905 when his title was changed to comptroller.

Since at the outset some work in mathematics was prescribed for nearly all courses, practically every student in the University at some time or other in his course came in contact with Professor Shattuck. I myself had with him as a freshman courses in trigonometry and conic sections. As a teacher he was careful, methodical, exacting. He knew well what he was trying to teach, and sometimes we who were being taught felt that he expected us too fully to show an equal familiarity with it. He always entered the class room on the minute, and all hilarity and horse play stopped when he took his seat, for unlike many of our instructors he sat while he gave instruction. The work of the hour always began in the same way, "Are there any questions today?" If any one ventured an inquiry as to the methods of solving a problem or deriving an equation he would turn in his chair to the black board behind him usually with the sentence beginning "It will be seen by inspection," when to many of us it took considerably more than mere inspection of the equation to understand it. To me at first he seemed stern and severe, but when I got up the courage to go to him and explain that I was having considerable difficulty in my mathematics, he was kindness itself and took particular pains to explain to me the points that were not clear. His examinations were always thought stiff, though he was generous in his grading and we usually came through his courses better than we had anticipated or deserved. There was little oversight of his examinations; he was himself the soul of honor, and he could with difficulty bring himself to believe that his students were not. This trust which he always had in the integrity of his students was too often taken advantage of, I am afraid, as many of the alumni will be able to testify. The work in his classes was always serious business; I have no recollection of his ever himself joking in the class room. He was not himself humorous, though he appreciated humor. I have often seen his eyes twinkle and an appreciative look come over his countenance when anything unexpected or funny happened in class. He was a man who inspired universal respect, and though sometimes, when safely out of his presence we might speak of him as "Sammy", there was no semblance of familiarity when we rose to recite or when we stood before him in the business office to present our tri-yearly tribute or to

collect the five cents an hour due us for work at the loan desk in the library.

In his business relations with students he was promptness itself. His office door opened at precisely three. You could set your watch by his coming and going with confidence in its accuracy. He made no mistakes, for he was deliberate, careful, and never in a hurry. The line waiting to pay or to be paid might be long and the individual pushing gently up to see him have an overdue engagement, still he took his time, he did everything decently and in order. He was no respecter of persons; no one received any special favors from him no matter what his station. I never remember seeing him lose his self-possession or become angry or irritated.

Notwithstanding the strictness and almost severity with which he did University business, he was always obliging. If a boy's funds had not come or if he did not have any to come, he could always get his fees deferred. Professor Shattuck would look over the petitioner for credit carefully and sometimes with apparent coldness, and then, when the boy was expecting to be refused, say kindly "Why, I think we can do it for you." Many an impecunious instructor who needed his pay check a few days early found Professor Shattuck courteously sympathetic.

His influence in the University and in the community, I think, can not be overestimated. His soldierly, dignified, gentlemanly bearing made a lasting impression on us all. I never saw him on the campus, or responded to the familiar military salute which he always gave when he met one, without unconsciously pulling myself up and trying to walk straighter. It was a moral as well as a physical tonic to see him walking across the campus, and I have no doubt that those of you who are listening to me tonight have often felt it. I remember very well that as I was walking with President Draper one day we met Professor Shattuck. "What a fine type of gentleman he is" the President remarked. "If he did nothing else it would be worth while to the state of Illinois to pay him his salary just to have him on the campus as a visible example to young men."

In speaking of his personal characteristics I have spoken of him very largely as I saw him through the eyes of an undergraduate student. As the years went on I came into very close relationship with him as a fellow worker on the faculty, and I grew always more and more in respect for his character and for his ability. He had most strikingly a sense of obligation of his duty to the University. He never quarreled, he never gossiped, he never showed jealousy of those who were advanced more rapidly than himself, he never uttered a word that a boy might not say to his sweetheart or to his mother. He was the soul of honesty and integrity. He was a loyal friend who never shirked a duty or evaded an obligation. I was often struck by his thoughtfulness and his generosity. I have never gone to him for a contribution to any needy or worthy

cause that he did not give willingly and generously. "If you need more come back and I shall be glad to help out" he always said. He was remarkably thoughtful of others. If anyone was sick he never forgot to inquire; if anyone was in trouble he was the first to offer a dignified and delicate sympathy; if anyone needed help he was the first to be counted on to give it. In his relations as an instructor or as business manager I have never heard a student or a member of the faculty complain that he was not considerate and just.

He was forty-four years of age when I first knew him; he was seventy-one when he gave up his active University duties, but during all those years he never seemed to relax his energy or to lessen his interest in his work. He was always courageous, always alert, always optimistic. He was the one man of whom it seemed impossible that he should grow old. But time defeats us all. His health began to fail him and he was retired in 1912 on a Carnegie pension. For the rest of his life he endured with patience and fortitude the pains of rapidly increasing disease. He died February 13, 1915.

He gave to the University more than forty years of faithful service—generously, ungrudgingly. During all that time no one ever heard him complain or say that he was overworked or underpaid. In his work and in his service he was strong, courageous, loyal, manly. No one more than he since the University was organized has set for himself and for others higher ideals of character and conduct and scholarship. The University has never had a better or a more loyal servant. We do ourselves honor in honoring him. In the language of one who worked side by side with him for thirty years, "His enduring monument is in the institutions of his country which he helped to preserve and strengthen, and in the great university into whose foundations he built the labors of a scholar, the principles of a high grade man of business, and the ideals of a brave soldier and a gentleman of the old school."

SAGAMORES OF THE ILLINI

VII—ROBERT WILLIAM HOFFMAN, '13

Robert W. Hoffman, '13, would seem to be a green alumnus with too shallow a plunk to talk about here. Only the '70s and early '80s are supposed by some to be ripe enough and rounded out enough to be graded as a Sagamore. The seeker for great men would not stop long at the class of '13. A fellow only two years out of college a great man? Hardly. He is yawing around too much in the sea of life to be taken seriously. He is a mere war baby in comparison with the world-wise Uncle Bill Buckaloos of whom we think as noted alumni. The designer of a bank-note would not think that a picture of Bob on it would look mature enough.

Still, the young man should be given a chance; he should be encouraged, if he is to do more than buzz around and finally drop to the floor like a scorched June-bug. Even the nanny goat urges her son to butt. We have been dazzled by the greatness of the older alumni and have neglected the youngsters. Hence this laudation of the achievements of Robert W. Hoffman, landscape architect, superintendent of construction on the Henry Ford estate, one of the largest in the country. He is interesting as a representative of the two-year old Illinus.

Robert William Hoffman was born Mar. 15, 1889, in Chicago, and is therefore 26 years old, coming 27 next hog-killing time. He ran his preliminaries in the Crane technical high school, and came down to Illinois to take ag. Chicago boys are particularly liable to ag, although they think of it in terms of Manager of an Estate or Superintendent of a Ranch rather than as a red-faced ruralist with patched overalls and puncture-proof palms and burrs in his whiskers. Bob settled on landscape gardening as his major. As to general farming, it is not likely that he would know a hedge-apple from a cutaway disc. He wished to be a landscape gardener—not the seed catalog character with a wheelbarrow and watering pot, and holding up a freshly-pulled turnip; not the clean-shaven young manager who would make the old Hick Get to Work Now and Bug Those Potatoes; but the master of them all—the man who laid out the estate, the architect who says where this bush shall grow, which way that tree shall lean, where the house shall stand, where the cataract shall fall. He it is who has to be firm when the old-fashioned person insists on having cast-iron deer and grave-yard urns along the front walk; he it is who makes out of the buildings and grounds such a heavenly whole that the mister who has taken a course at the Art Institute would rather gaze in mute admiration than to turn away and eat an oyster supper.



Well, to get back to Brother Hoffman, whom we left as a student in landscape gardening at the University. He took the usual course, and a keen interest in athletics, playing both football and basketball. In football he was known as the great end-run smasher; in basketball as "a big, fierce man." He wore a handsome moustache, and belonged to Sigma Chi. He looked like David Farragut—does yet, in fact. He is good sized, well proportioned, a panatela perhaps rather than a perfecto, but hardly a shanghai. Did you ever see Edward Kidder Graham, president of the university of North Carolina? Well, Bob is just the opposite of Edward in looks. If you gaze on him long enough you see a bull-dog determination about that face. He was handed his diploma in June, 1913, and must not have taken much time to sit and admire the lettering, for we hear of him almost immediately having designs on Crystal lake park, Urbana. This touseled paddock he revamped, and screwed a beautiful driveway into it and stuck in plumes of shrubbery. It is now the show place of the city. The proud citizen entertaining his wife's relatives always trots his Ford through Crystal lake park, which prior to Robert's expert barbering had a \$1.98 look that made the casual visitor want to get out of it as soon as possible.

By this time the University was getting ready for the '13 fall plowing, and Hoffman came back as instructor in landscape design. During the football and basketball seasons he made use of his experience in athletics as an official in the little nine conference. He also carried on a private practice as landscape gardener, and prepared the plans for the Mt. Vernon city park. Last January he resigned, and took the job of beautifying Henry Ford's 6000-acre farm near Dearborn, Mich., a suburb of Detroit.

It seems that Henry's boyhood was spent in that vicinity, and that he wants to settle down where he grew up. He has bought farms right and left to get the acreage he wanted, and has hauled in big trees by the hundred to fill the forest gaps. The Rouge river, which flows through the estate, has been trimmed up and fitted out with a lake and harnessed to turbines which furnish the electricity for the palace. This building will cost over \$1,000,000, if we must mention amounts, is built on the bank of the river, and can be seen from Michigan avenue, Detroit. The Detroit zoological park of 205 acres is at the eastern edge of the estate. In Detroit the common expression is, "Ford can drive 14 miles in his own back yard."

In addition to the work of developing the estate, which will take at least three years more, Hoffman and the scores of other experts are dressing up a ten-acre plot around the Dearborn water plant, also owned by Ford, into a recreation ground for the people of Dearborn.

So starts the career of Bob Hoffman. He will open an office in Detroit as soon as Henry gets through with him, and perhaps will be able to give jobs to some Michigan landscape grads.

LEGISLATIVE APPROPRIATIONS

The State legislature has appropriated to the University for the biennium beginning July 1 the sum of \$5,000,000, collectable out of the funds collected under the mill tax. The estimates of the amount likely to be collected were a little more than \$5,000,000, and inasmuch as the amount raised by the tax in the previous biennium exceeded the estimate by nearly \$100,000, it is presumable that the appropriation made is well within the amount that will be collected into the fund. This total is the largest single amount ever appropriated by a state for any educational purpose, and exceeds the appropriation made two years ago by \$500,000. The appropriation is made in seven parts as follows:

1. For purchase of lands, erection of buildings, equipment, reconstruction, repairs and betterments (including chemical laboratory, addition to commerce building, school of education building, woman's residence hall, ceramics building, addition to transportation building, railway electrical laboratory, horticultural field house, addition to natural history building, addition to mining engineering laboratory), nine hundred thousand dollars.....	\$ 900,000
2. Expenses of administration offices (including board of trustees, president's office, comptroller's office, registrar's office, council of administration, university senate, etc.), one hundred and fifty-seven thousand dollars	\$ 157,000
3. Expenses of general departments, (including library staff, military, physical training, supervision and discipline, university exercises, publications, museums, etc.), two hundred and thirty thousand dollars	\$ 230,000
4. Expense of instructional work in the various schools and colleges, (including purchase of apparatus, maps, charts, and books for the library), two million five hundred and sixty three thousand dollars	\$ 2,563,000
5. Expense of research and scientific departments (including the agricultural and engineering experiment stations), two hundred thousand dollars	\$ 200,000
6. Expense of maintenance and operation of physical plant (including repairs, betterments, extensions, janitor service, care and policing of grounds, and operation of heating, lighting, and power plant), four hundred and fifty thousand dollars.....	\$ 450,000
7. General and contingent fund (to provide for increases of salary, additions to staff, emergencies, incidental and general purposes), five hundred thousand dollars.....	\$ 500,000
Total appropriation	\$ 5,000,000

These items are in the same form as originally introduced by the committee on appropriations on May 27, except that in the original bill, under the first item, it was provided that no part of the funds should be used for the purchase of the buildings or grounds of the College of Physicians and Surgeons, now the College of Medicine of the University. This provision was, after some debate, stricken out by a decisive vote. The appropriation bill, as a whole, passed both the House and the Senate without a dissenting vote.

The appropriating of so considerable a sum of money to any single educational institution in the state was bound to attract a good deal of attention, to raise questions as to the advisability of any such appropriation, and to be attacked by persons in and out of the Legislature who, through motives of economy or what not, wished to prevent the carrying out of the mill tax law of 1911. The objections took tangible shape in the Legislature in several proposals. Senator Tossey introduced a bill to reduce the tax from one mill to three fourths mill. Representative Merritt introduced a bill which would permit the use of the fund for any educational purpose, even including the teachers' pension undertaking, which would use nobody knows how large a sum per annum. Representative Hubbard introduced a bill to repeal the mill tax law altogether and put the University appropriations back to the status they were in prior to 1911. These proposals had little support in or out of the Legislature. It is not to be understood that these proposals were unfriendly to the University. Probably in no session of the Legislature has the interest of the people of the state in the state University been more consistently, vigorously, and effectively manifested and protected than in this one. The warmest friends of the University must, however, realize that different men have different minds, that proportions of interest vary, and that so long as there are many other institutions and many other interests urgently in need of funds, there will come various schemes for alienating from the University some of the money coming to it under the present law.

Friends of the University should therefore not be misled by the unanimous vote for the present appropriation. Although it may be said that the mill tax law will become perhaps a little more secure of permanency with each biennium, it can by no means be taken for granted either that the law will not be repealed or that it will not be changed in a way injurious to the best interests of the University. The vigilance of the alumni and other friends will be just as much needed during the next two years as during the past. It will remain quite as necessary to keep the citizens of the state informed as to the work and the needs of the University.

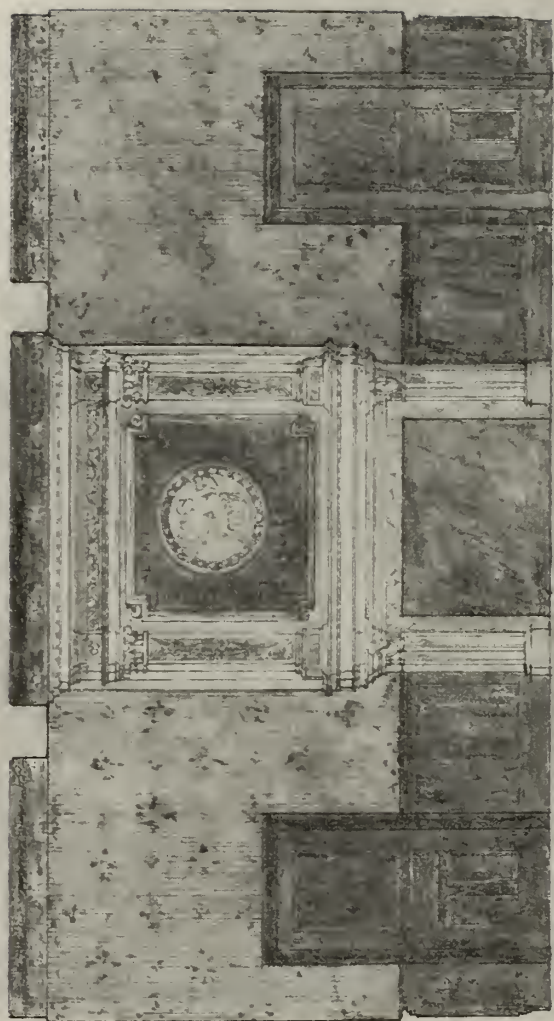
The present status of University support, if it can be maintained, will afford the institution a sound, stable foundation on which to build with all the wisdom and foresight that the faculty and administrative officers possess; and it is to be hoped that all alumni and friends of the Uni-

versity will not cease to look to the future and to safeguard at all times the best interests of the state through the best interests of its chief educational institution.

THE ALUMNI TROPHY

The office of the Alumni Association will be moved to the third floor of the new Administration Building possibly by the time this issue of the *Quarterly* reaches the members. As soon thereafter as the necessary designs can be completed, presumably in accordance with the preliminary design by Mr. George Awsumb, shown in this number of the *Quarterly*, and the necessary funds can be collected, the work of beautifying the alumni room will be undertaken by the Association and by interested alumni willing to help make that room one of the most attractive features of the University. The University itself is furnishing for the use of the Association the one large room referred to, a smaller office connected therewith, and a commodious store-room, together with heat, light, and a considerable amount of furniture. All of the rest of the equipment and everything in the way of decorations must be furnished by the alumni themselves.

The main feature of the decorative scheme will be the trophy awarded to the classes which from year to year bring back to their scheduled reunions the largest percentage of their living membership. As may be seen by reference to the illustration, this memorial will be a striking and beautiful affair, with room upon its face for the inscribing of a long series of numerals; and it will be a matter of no small pride to the class that can most frequently and consistently place its numerals in the list. That competition for this honor will be eager and vigorous has already been manifested by the race between the classes of 1890 and 1895 this spring. Large claims are already being made by members of 1891, 1896, and 1901 for next year. Doubtless other classes will enter the race, and this proposed memorial may very well become a center of interest in bringing about a series of class reunions such as in the past have never—except spasmodically—been seen upon the Campus. Certainly this is a result devoutly to be wished for by everyone interested in spurring on and increasing the interest in the alumni reunions.



PRELIMINARY ROOM FOR
ALUMNI ROOM UNIVERSITY OF CHICAGO
GEORGE BROWN IN THE CHICAGO

COMMENCEMENT

DEGREES AND HONORS

DEGREES

URBANA DEPARTMENTS

GRADUATE SCHOOL

	1915	1914
A.M.	69	72
M.S.	48	40
M.Arch.	1	2
C.E.	3	4
M.E.	1
E.E.	3	2
Ph.D.	23	22
Total	148	142

BACCALAUREATE

A.B., B.S., Liberal Arts & Sciences	288	268
B.S., Engineering	195	218
B.S., Agriculture	136	143
B.Mus., Music	10	5

Total	629	634
LL.B.	19	23
J.D.	2	2

Total	21	25
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LIBRARY SCIENCE

B.L.S.	14	5
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MISCELLANEOUS

B.L., B.S. to former students	2	45
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Total, degrees at Urbana	814	851
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CHICAGO DEPARTMENTS

COLLEGE OF MEDICINE

M.D., B.S.	106	113
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COLLEGE OF DENTISTRY

D.D.S.	19	30
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SCHOOL OF PHARMACY

Ph.G.	40	32
Ph.C.	4	6

44	38
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Total, Chicago.....	169	181
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Total, entire University	983	1032
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DEGREE OF A.B. WITH HONORS

In the College of Liberal Arts and Sciences—Mildred Leann Coburn, Elizabeth Genevieve Fuller, Alta Green, Gertrude Halushka, Walter Wilson Jennings, Hadden Spurgeon Kirk, Ray Orion Wyland.

SPECIAL HONORS

In the College of Liberal Arts and Sciences—Amelia Lucinda Kellogg, Everett Robert Brunskill, Charles Francis Geiger, Frank A Hoerner, Sidney Marion Hull, Silas Carl Linbarger, Edwin Whitaker Mattoon, Forrest Hamilton Murray.

In the College of Engineering—Alden Knowlton Fogg, Ralph Green, Edward Allen James, Peter Jacob Nilsen, George William Watts, Edward Allen Williford, Clyde Charles Younglove.

In the College of Agriculture—Maynard Elmer Slater.

FINAL HONORS

In the College of Liberal Arts and Sciences—Mary Elizabeth Collom, Lillian Dora Dole, Charles Francis Geiger, Vera Ople Gossett, Lois Myrtle Harris, Frank A Hoerner, Carrie Lucile McColley, Margaret Mildred Mohlhop, Forrest Hamilton Murray, Roe Niver, Edith Anna Swank, Ruth Elizabeth Young.

In the College of Engineering—Harold Emery Austin, Irl Reuben Cline, Henry Dubin, Alden Knowlton Fogg, Frank Alfred Forty, Ralph Green, Arthur Hagener, Roy Harrison Haslund, Max Holmburger, Jr., Edward Allen James, Frederick August Kuhs Marx, John Harold Miller, Peter Jacob Nilsen, Frederick William Panhorst, Harry Barrett Rogers, Walter Henry Simon, Perry Jerome Sweeny, Milo Cornelius Taylor, George William Watts, Edward Allen Williford.

In the College of Agriculture—Chalmers Woodruff Crawford, Ethel Mary Dole, Julian Lounsbury Fish, Noble Parker Hollister, Izora Lee, Nathan Meltz, Helen Sinclair Morrison, Maynard Elmer Slater, Victor Elwin Spencer, Laurence Emerson Thorne, Carle Capron Walter.

In the College of Law—Wesley Erett Cummins, Glenn Ratcliffe.

In the Library School—Mabel Louise Conat.

In the School of Music—Helen Mad-den.

UNIVERSITY GOLD MEDAL

William Franklin Campbell

HAZELTON GOLD MEDAL

Oliver Galbraith Brain

Alexander R. Brandner, '13, was awarded the Francis John Plym fellowship in architecture. This fellowship was established by Francis J. Plym, '97, for the advanced study of architecture. The stipend is \$1000. The holder is required to spend a year in study and travel abroad. Mr. Brandner since his graduation has been taking graduate work in architecture.

The B'nai B'rith prizes were awarded to Isaac Siegel (first) and Anita Libman (second), both of Chicago. The awards are made for essays on Jewish subjects.

Denna F. Fleming of Paris won the Bryan prize of \$25 for the best essay on government. The award is made from a fund of \$250, which was donated by William Jennings Bryan in 1898 for the best essay biennially on the science of government. Mr. Fleming is a freshman in liberal arts and sciences.

Walter W. Jennings received the Phi Beta Kappa prize this year. The award is made to the graduate from the college of liberal arts who "gives evidence of greatest promise as a scholar in the domain of liberal arts." Jennings's major was in history.

To Edward A. Williford goes the conference medal for excellence in scholarship and athletics. Williford will be remembered in these parts as a somewhat remarkable fellow. He has steadily strode in the front of three processions: scholarship, athletics and society. He has four sets of Greek letters after his name, and played basketball so well that his fellow students shouted themselves hoarse every time he tightened his belt; he was an earnest and efficient member of the board of trustees of the Illini Publishing company, and was active in many other student enterprises.

The total number of degrees granted this year falls below the thousand reached and passed

Not So Many last June, when 1032
Graduates diplomas were given

out. The decrease is only natural for a year such as this. Some of the decrease may be accounted for by the 45 degrees given last June to early matriculants—an abnormal occurrence. As will be seen, dentistry, engineering, agriculture, law, and medicine show a decrease. Liberal arts and sciences, the graduate school, library and music schools gave more degrees than last year—music fifty per cent more, and library almost three times as many. It will be remembered, in this matter of off years, that the class of 1912 was larger than 1913.

Forty-four degrees and 36 certificates were granted on Apr. 28 at the 55th annual commencement

School of of the School of
Pharmacy Pharmacy in Chicago.

The certificates went to special students. An address was made by Prof. J. P. Remington, dean of the Philadelphia college of pharmacy. President James conferred the degrees.

The holding of the commencement exercises in the new Armory marks the beginning of a new chapter in University customs. Years ago the chapel in University hall was used; then the old Armory. After the Auditorium was built the exercises were held there, but the building will not hold half of the people who want to get in. This is illustrated by the fact that the 5000 seats in the new Armory were all taken. The east third of the building had been canvased off into a big room. Basketball bleachers were placed all around the sides for the general audience. Within were the chairs for the graduates. Standards were placed, locating the different colleges. The scene had some resemblance to a political convention or a circus crowd. The band and speaker's platform were on the west side. The canvas ceiling helped to make the speakers easier to hear.

The commencement procession was a little slow in getting started, owing to a wait for the doctors and dentists who came down on a special train from Chicago. Many alumni also came on this train. Most of the onlookers thought that the procession would move west on Green street and then south, but the final decision was to march on University ground all the way by going south to the tennis courts and west through the orchard, entering the Armory by the east door. This was done with little inconvenience, except to open gaps in two fences. The entire distance is over half a mile, and affords a picturesque march. As the procession extended the entire distance, there was much less crowding than usual of spectators on the side-lines, and amateur photographers clattered their cameras all along. One professional photographer on a high step-ladder photographed practically the whole procession in sections of six or

eight, the marchers obligingly slowing up and posing for each exposure.

The procession marched in the customary order, led by the band. President James, Ambassador Naón, the trustees, and the faculty and alumni marched last, but entered the Armory first, the various candidates for degrees forming in two lines in the orchard to allow the others to pass between the ranks. As the marchers approached the building a salute in honor of Dr. Romulo Naón, ambassador from Argentine, was fired by the battery stationed south of the Armory. Major Webster and his staff of student assistants saw to it that the procession was kept in order. The route was marked by flags.

Ambassador Naón in his address emphasized the importance of American solidarity at this time when a great conflict is devastating European countries. As interest just now in the opportunities for trade expansion in South America is unusually keen, the address was of timely importance.

It was almost 3 o'clock in the afternoon before the graduation exercises were finished, the march back to the front campus concluded, and By Thy Rivers sung.

The alumni were pleased to hear "The Cameronians" again as the official commencement march.

Back To Old March This stately tune had paced off graduating classes for many years up to and including 1912, but was omitted in 1913 and 1914. The class of '15, however, got back to the old air. D. K. Morrison, '14, thinks that the last strain of the Cameronians would fit in well for a parting song air, the song to begin at the head, and ripple gradually through the entire length of the procession, like a breeze down a wheat field. "Some one of the University poets," urges

Brother Morrison, "could surely write a good stanza."

A striking illustration of the contrast in world affairs last commencement and this is seen when it is remembered that **Last Year;** the speaker last year **This Year** the speaker last year was Count Bernstorff, imperial German ambassador to the United States, and that at the senate luncheon, toasts were given to Emperor William, Count Bernstorff responding to "His Imperial Majesty."

The baccalaureate services were well attended. Rev. J. W. Cochran of Philadelphia delivered the **Baccalaureate Services** sermon to an audience that filled both floors of the Auditorium.

The organ prelude and postlude were played by Director Erb, and a chorus sang. The closing song, the old University Anthem written by Dr. Gregory, brought back early recollections to many of the older alumni present. Some of the thoughts expressed by Dr. Cochran follow:

Misdirected activity is worse than laziness.

Only one out of 135 students graduate; each student has 135 constituents who look to him to do things.

Let not your education lead you away from your brother who works with his hands.

If you dare not enlist and become a revolutionist in the realm of reason your education has been worse than wasted upon you.

You are expected to be free from the half-formed judgments of undisciplined minds.

I am less interested in the career you choose than in the thing that controls that choice.

The annual meeting of Phi Beta Kappa was held in the Woman's building Monday afternoon.

Phi Beta Kappa Meeting. No Illinois graduates succeeded in placing for offices in the Illinois chapter. Prof. H. J. Barton was elected president; Prof. S. P. Sherman, vice president; Prof. G. H. Meyer, secretary; Prof. H. V. Canter, treasurer. Prof. H. L. Rietz and Dr. Queen L. Shepherd were elected members of the executive committee. The Phi Beta Kappa prize was awarded to Walter W. Jennings for an essay, The Irish National Land League. Thirty seniors and five juniors were elected to membership this year. Their names were printed in the April *Quarterly*.

Benjamin Wham, senior class president, presided at the class day exercises on Monday. The **Class Day Exercises** program was as follows: Piano solo, Helen Madden; salutatory, Lucretia Cressy; class history, Nell Barnes; vocal solo, Helen Clark; class poem, P. H. Brown; hatchet oration, A. R. Siebens; response, G. W. Bristow; cornet solo, W. I. Kirby; class oration, P. J. Nilsen; song, senior quartette (R. I. Shawl, P. J. Leach, A. Christy, M. Dutton); valedictory, I. R. Cline.

Mask and Bauble presented the commencement play, *Milestones*, in the Auditorium Monday evening. The **Mask and Bauble Play** was written by Arnold Bennett and Howard Knoblauch. The proceeds were set aside for the beginning of a fund for the Guild memorial. On the same evening was the senior ball in the old Armory. The decorations were in green and white.

ACTIVITIES OF THE ALUMNI

When it is remembered that this year is considered an off year, the reunions and other observances at the 49th annual commencement must be classed as

**A General
Summary**

successful. There was no special feature like the Gregory observances last year, for instance, to be emphasized, though the students of 1890-1900 were specially urged to come. However, the registration at alumni headquarters was a third more than last year, and from casual observations around the campus during the three days it seemed that more people than usual were back. The rain Monday made the lawn festival impossible, but the class standards and the enthusiasm were transferred to the new Armory, and the fun went on about the same. The classes that had erected tents on the front campus could not use them.

The class reunions were unusually well attended and enjoyable. Never before had so much time and thought been given to working up the class reunions, possibly excepting John Chester's strenuous and successful efforts with '91 four years ago. The reunion trophy this year gave additional zest to the meeting, and the classes of '90 and '95 ran an almost even race for the honor. Ninety brought back 45 percent and '95 gathered 44.9 percent of their living members. Both reunions were attended by a number of non-graduate members, who increased the crowd and the fun, but were not counted in the contest. The secretaries of these two classes did all that two men, already loaded down with the cares of busy lives, could do. Details will be found in the columns of class news. Mention must also be made of 1900, 1910, 1912 and 1914, all of which had reunions scheduled and carried out their

plans. The class of '85 also deserves special mention, for though having a reunion due, the class was not represented on the alumni register by a single entry, not even by the name of the secretary, who lives in Champaign. The '05s were to have had a reunion, but none was held, although eighteen members of the class registered. The secretary was not present—at least, his name was not registered. Letters sent to him prior to commencement were not answered. The '10s were well represented, although the secretary did not register. However, H. D. Oberdorfer, Hazel Craig, Thomas Bregger and Ethel Hollister Day had charge of the reunions, an automobile ride, and a game of drop the handkerchief. Both 1912 and 1914 had good reunions. The secretaries were on hand, and the '14s had a tent, but on account of the rain were unable to make much use of it.

The following lists made up on the day after Commencement, show how the classes were represented:

1872—5	1883—1	1894—21	1905—18
1873—0	1884—6	1895—39	1906—18
1874—2	1885—0	1896—6	1907—13
1875—4	1886—3	1897—5	1908—9
1876—1	1887—3	1898—7	1909—14
1877—1	1888—5	1899—4	1910—30
1878—3	1889—3	1900—9	1911—18
1879—2	1890—25	1901—5	1912—23
1880—1	1891—4	1902—7	1913—30
1881—3	1892—5	1903—10	1914—54
1882—1	1893—2	1904—7	1915—4

Some of the secretaries are now at work on plans for future reunions. Dean Clark, '90, has sent out a batch of letters, and will soon start some more. He has received several answers already. They will be found in the class section. The secretaries of '91, '01, '96 and several others are getting big



ALUMNI IN THE COMMENCEMENT PROCESSION

reunions ready for next year. The word has gone out that Hobbs's '91 bunch already has the trophy clinched, but a startling string of surprises may upset the prospects.

The exercises in memory of Prof. S. W. Shattuck, who died in February, were held in the Woman's building Monday evening, and were well attended, not only by alumni, but by many faculty people and residents of Urbana-Champaign who knew him. The address by Dean Clark, '90, is printed in the opening section of this magazine. The program follows:

Solo: O Rest in the Lord—*Mendelssohn*
Miss Florence M. Kirkup of the school of music.
Address: Thomas Arkle Clark, '90
Dean of Men
Address: Eugene Davenport
Dean of the college of agriculture
Formerly member of the faculty
Address: Robert F. Carr, '93
Member of the board of trustees
Solo: But the Lord is Mindful of His Own—*Mendelssohn*
Miss Kirkup

The memorial tablet in memory of Col. E. J. Fechet was unveiled in the new Armory on Monday afternoon immediately after the alumni festival. President James made an address. The tablet had been dedicated on May 31, military day. At that time Major Wood, U. S. A., was present and reviewed the brigade. Prof. S. A. Forbes, veteran of the Civil war, delivered on that occasion an address which is printed elsewhere in this issue.

The bronze medallion, which is 30 by 40 inches, was modeled by L. Cru-nelle, of Chicago, a pupil of Lorado

Taft, '79. It will be placed in the Armory when the building is finally completed. At present the memorial is in the Auditorium.

The cost was met by private subscriptions from University people, alumni, and citizens of Urbana-Champaign. A detailed statement of the contributions follows:

College of Engineering.....	\$ 46
College of Science.....	50
College of Literature and Arts....	43
College of Agriculture.....	24
College of Law, Library, Athletic and Military departments	37.50
Alumni	101.75
Undergraduates	61.90
Citizens of Champaign and Urbana	104

Total\$468.15
Of this amount, all but \$8.37 was used to meet the expenses of constructing the memorial. The amount remaining has been added to the memorial loan fund.

The weather cleared for Tuesday. The day's activities began with the reunions in the Woman's building at Alumni Day. This was an informal hand-shaking affair, and lasted about half an hour. In the south parlor of the Woman's building had been arranged an exhibit of pictures, scrap-books, and other old relics representing the period 1890-1900, and many of the alumni were more interested in these than in the other people present.

ALUMNI CONVOCATION

At 9:40 the call came to form in procession and march to the Auditorium, where the 3rd annual alumni convocation was held. The procession, which went pretty well last year, was a scattered and lame affair this time. It can be made worthy only by the cooperation of the reunion classes and all others—

and it ought to be made more of. The convocation was in three main divisions; the annual report of the Alumni Association, the conference on the service of the University to the state, and the presentation to the University of a bust of Professor Edward Snyder, who was on the faculty from the beginning up to 1896. As President Talbot could not be present, the report of the Association was read by H. J. Burt, '96. The report will be found in the alumni section.

In the conference on the service of the University to the state, Edward N. Hurley of the Federal Trade commission spoke on industry and commerce; Spencer Otis of Chicago on agriculture; Francis G. Blair, state superintendent of public instruction, on education; and President James closed the discussion.

The service the University may render in the development of foreign and domestic commerce was discussed by Mr. Hurley, vice chairman of the federal trade commission. He emphasized the preparation needed for foreign careers. "It is fifteen years," said Mr. Hurley, "since a great American declared that the era of exclusiveness had passed, but as a nation we have made little preparation for the effective participation in world trade.

"How can the college man aid in the development of foreign trade? This is a question applying not only to the graduates of this year and the years to come but to the alumni, for the great quality of a university education is that its possessor retains throughout life the ability further to educate himself.

"The preparation of business men for a greater foreign trade is no longer a specialty. We have passed beyond the point when oversea markets were useful merely as a dumping place for surplus product, and the wise manufacturer now considers the foreign market as primary. To call our four and one-half billions of dollars of exports and imports foreign trade is a misnomer, for they are a part of the web and woof of our industrial life. The war has proved this, but thus far the country has not wholly awakened to the necessity of so shaping its policy as to develop

the maximum governmental and commercial efficiency in the world trade.

"The citizen of the interior is still inclined to consider the development of the merchant marine a problem of the seacoast. He is likely to consider the effect of the tariff upon our foreign trade as less important than the rates of duty on his own product. He is not yet accustomed to thinking in terms of world intercourse. He does not realize that the influence of international investment of capital, improved transportation and the intervening of commercial interest has made the resident of India as much his neighbor as the citizen of Indiana. He must be made to realize this before we can effectively discharge our duty as one of the world's great industrial nations.

"This is the service that the college man can render. If he has advanced to that age or condition which naturally precludes his engagement directly in foreign trade, the least he can do is to develop and to advocate an intelligent appreciation of the responsibility of every citizen for sound national foreign trade policy. If the college man, either as a graduate or as an 'old grad,' is going into foreign trade, he owes it to the nation, no less than to himself, to become efficient. Whether as a salesman, as an engineer piecing out the course of a new railroad in South America or China, or as a banker, facilitating export and import business or advising judicious foreign investment, the American abroad is the custodian of our national prosperity. If he sells an American product abroad, he adds something to our national wealth, whereas in a transaction at home he is merely effecting an exchange between individuals."

The service of the University in education, particularly in primary and intermediate education, was discussed by Francis G. Blair, superintendent of public instruction in Illinois, and a member ex-officio of the University Board of Trustees. He spoke of the importance of better teachers to fill the 3500 vacancies each year in the public schools of the state. He said that competent teachers in sufficient numbers are difficult to get.

Spencer Otis of Chicago talked on agriculture. His remarks were enlivened

with humorous references which the audience relished. Mr. Otis is an engineer of Chicago, but is also interested in agriculture. "I have to do with the manufacture of a good many things," said Mr. Otis, "and the building of the plants for their manufacture, but, as far as I know, the farmer, the great manufacturer of food products, is the only one who may have first class, disinterested expert advice for the asking. After Mr. Farmer's plant has improved to a point where it can be worked at a profit, and he has gotten well enough off so that he can spare his boy or girl for a four-years course, the University will not only educate him from text books, but will show him as he goes along how to use, practically, what he has learned. Or he can take a short course each winter for a number of years. I am a great believer in the short course for the boy or girl who really wants to learn the facts of agriculture, who works during the year and takes a short course with the determination to find out the reason for the things he has seen. In a sense such an education is narrow, but it is eminently practical.

"I have made it a practice for a number of years to send one or two bright boys who have worked during the year to a short course in the winter, and it certainly pays not only the boy but his employer."

President James delivered the closing address, in which he expressed appreciation of the state legislature's action in appropriating \$5,000,000 for the use of the University during the next biennium. He also gave a brief review of the work of the University.

PRESENTATION OF SNYDER BUST

The bust of Prof. Edward Snyder, presented to the University by Lorado Taft, '79, the sculptor, was unveiled at the convocation. It was accepted on behalf of the University by Prof. Daniel K. Dodge of the department of English. His address will be found in the opening section of this magazine. The bust will be placed in the Woman's building.

The convocation was opened and

closed with organ selections by Director Erb of the school of music.

The annual alumni dinner in the Woman's building was attended by 300 people. The march to the tables was made in the same order as the convocation march, each class being led by the secretary and banner. Orchestra music and singing lent zest to appetites, and several cheers went the rounds when it was announced that the Class of '90 had won the trophy for having the largest percentage of members back.

More interest than usual was taken this year in badges and other insignia.

Alumni Were Well Tagged

The Alumni Association undertook to furnish class badges to all who registered.

These consisted of a small flag, a token of Flag Day, together with a piece of orange ribbon stamped with the class numerals. The demand for these was so great that the supply was soon exhausted. The classes of '90, '00, and '12 had badges of their own, furnished by the secretaries. The '95s wore white hats with appropriate decorations of rosettes.

The class of '90, which won the trophy for having 45 per cent of its members back for commencement,

The Trophy Winners

is an interesting group of people.

The class had forty members at graduation, half of whom were engineers. All but one are now in the professions for which they prepared. Only two are dead. Eight live in Urbana-Champaign; Dean Clark and Professor White are in the University. All of the '90s have been unusually successful in their work—this is vouched for by the secretary.

The President's reception, held in the Woman's building Tuesday evening, was preceded by a **Concert and Reception** band concert on the lawn in front. Several hundred chairs had been placed for the alumni, but were soon all occupied. People sat on the board walks, and as far south as the Auditorium steps.

The exhibition of mementos illustrating the period 1890-1900 attracted many alumni to the south parlor of the **Exhibit of Mementos** Woman's building. Almost everything imaginable pertaining to the period was to be seen, and many pictures represented earlier scenes. It is impossible to note here any except the more striking of the relics.

Dean Clark's gallery of photos must be given honorable mention. Let us look at a few of them:

Phil Bevis, leaning on a plush laprobe at Greeley, Colo.

Six young women in gossamers and rubbers sitting under two parasols. All seem to be in earnest about something.

Walter I. Manny, his hair perfectly combed, and a big four-in-hand riveted with a rocked stick-pin.

Several views of the old Chase club, mostly porch groups gazing desperately at the camera obscura.

A livery team followed by a surrey-load on the Mahomet bridge over the Sangamon. (?)

Lin F. Ter Bush, in the good old days when he wrote his name solid.

Gus Hanssen with one of those collars that open in front like the Grand Canyon of the Colorado.

A. S. Chapman, his pompadour rising like a wheat field.

Byron Moore, wearing the old "silent chain" watch-fob.

R. J. Cooke, with a deft fiddle-scroll twist to his moustache.

Frank D. Wilber, big-eyed, solemn.

U. J. Lincoln Peoples, looking as if he were about ready to dive through the sky-light.

Jim White, no moustache, no lines of care.

E. C. Eidmann with his Van Hook look.

J. F. Fisher, in a What-Can-I-Do-For-You-This-Morning pose.

Prof. Snyder's class in something.

The old museum in Main hall, with the disumpteraurus standing on his hind legs about to bite a trap-door out of the ceiling.

In the 1890 *Sophograph* is an amazing picture entitled, Satisfaction Furnished on Demand. It is the *Sophograph* staff, apparently, armed with axes, swords, chair backs and shotguns. T. Arkle, editor, with a plug hat riding his ears and a rusty hatchet gripped in his hands, stands ready to chop up all comers. The rest of the men and the two girls are grouped around a table with a Well-Now-What-Are-You-Going-To-Do-About-It air.

The way they used to advertise the University is admirably shown by an old poster, used in the early '80s. Nowadays the farmer who holds a public sale or comments on the goodness of a stallion uses this form of poster. "Now in the fifteenth year of its progress," says the poster, "the University already ranks among the first institutions of the country. It has an attendance of 400 students—ten distinct courses of study—tuition free—open to both sexes over 15 years of age—*Gazette* Steam Print." The poster is the property of Prof. C. F. Hottes, '94.

The collection of Prof. Hottes contains also several bogus issues of the *Illini* and *Sophograph* which used to be published by discontented students. A bogus issue of the *Illini* dated Feb. 21,

no year, calls "Prof. Sam Bawden the willing tool and dirty worker of Regent Peabody;" and "there is a professor named Sam, who has as much sense as a clam." The chief purpose of the editor seems to have been to make "King Selim" Peabody uncomfortable. Prof. Burrill is mentioned with affection: "he had a genuine interest for everything in which the boys were interested." In the *Stolen Sophograph* we read John Chester's ejaculation: "By George boys I'm learning to dance," and Klingelhoef's "Zwei bier." A long-blasted poem aimed at '92 beginning "Listen good people and I will tell of the cussedest sneaks this side of —" is replete with hits at student life celebrities of '92, and resembles somewhat the modern hatchet oration, although the hatchet orator who would get up and say "McCartney from Egypt, I'll surely give place, for good heavens people just look at his face," would be handed a blank diploma. Also for "Gunn, the long gander-legged jap," and "Kiler too, a cunning kid," and "In the Grooming, oh my Donkies."

The "Entomological Laboratory" in University hall is apparently a nook in the cellar. A row of students busy with cigar boxes of bugs goes down the center of the room. In the background is the skeleton of a dog and a wriggly looking chart. The gas jet is hoses to a Bunsen on the instructor's desk. Who Mr. Instructor is, is not apparent.

A photo of the Natural History building taken when not a single tree was near it is interesting. Looking past it toward the southeast, the eye sweeps the vista almost to the horizon without meeting anything arboreal.

The Harmel club in 1888 is seated on the front porch of the dwelling. That was the day of the coat with the tiny lapel, the tie as big as a Christmas

stocking, the mammoth watch chains that hooked into the button-holes, and the military caps flattened on top as if the wearers had in deep thought marched into a stone wall. Two derby hats and a pair of striped trousers are visible.

The class song of 1879 had four stanzas and a chorus. These together with the music were printed on blue-prints and passed around. A copy is shown in the scrap-book loaned by Judge W. N. Butler. Other relics in the book included a poem by N. P. Willis, copies of the *Vindicator* and other roorbacks containing such thrusts as "All admit that Colton made a fool of himself," "He [H. Reed] is the most contemptible member of the junior class." Then there is a list of the wedding presents given to John Miller and Minette McAllister Miller, who wore a passementerie of seed pearls, and orange blossoms. The gifts included butter dishes, a pickle caster, a floral horse-shoe, silver cake basket, nut picks, frosted glass fruit stand and bangle rings.

Photos of the girls generally were full-length views, like right-angled triangles, for the rule seemed to be to have skin-tight effects from the waist up with full-floating skirts. It must have been tiresome to drag these big dresses around.

A picture of the mandolin club, date unknown, is pleasing. Seven women and two men comprise the club. Six mandolins, two guitars and a knee-fiddle make up the instrumentation.

The 10th anniversary exercises of the Alumni Association June 6, 1882, are represented by a lavender colored program decorated with an owl, an arrow-pierced wild duck and a covey of quail.

Of interest is a ticket to the 4th annual reunion of the Adelpic society at the Doane house parlors June 8, '74.

UNIVERSITY FOR THE QUARTER

The summer session is in busy operation with an enrolment of 1035, about 100 more than last year. Several will probably be added to the list before the summer is over.

The school for coaches, begun last year by Director Huff, shows a healthy increase. The registration is 192 (last year, 127). Of this number, 103 are taking athletic work alone. Basketball has attracted the largest class, baseball and track following immediately after. Carl Lundgren, '02, now baseball coach at the University of Michigan, gave several lectures on pitching.

General University activities go on about the same as during the regular session. Weekly sings are conducted by Prof. Constance Barlow-Smith every Wednesday evening in front of the Auditorium. Organ recitals are given by Edna A. Treat of the school of music. A summer literary society, baseball team, dancing club and *Illini* give all something to think about. The Library is open at the usual hours and also on Sunday. Vesper services are held on Sunday evenings in front of the Auditorium.

Several of the boarding clubs and the Y. M. C. A. cafeteria are open during the summer. Florence Johnston, '15, manager of the cafeteria, says that the summer session students, most of whom are high school teachers, eat more than the regular school year customers.

The session is under the direction of Prof. W. C. Bagley, director of the school of education. Mrs. Constance Barlow Smith is dean of women for the summer.

At the last meeting of the board of trustees President James presented a collection of a thousand volumes, more or less, on statistics and similar subjects,

Collections Of Books

as a memorial to his son, Carl Martin James, who died many years ago. There was no restriction as to keeping these books together, and permission was given to exchange copies which might be found to be duplicates with entire freedom on condition that the book received in exchange for the duplicate should bear the mark of the collection to which it belongs.

Prof. Evarts B. Greene presented at the same board meeting a collection of 219 volumes relating to the history and life of Japan which had formed a part of the library of his father, who was for many years a missionary in Japan.

The board voted to accept both collections, giving to the first the title of the Carl Martin James collection; to the second the title of the D. C. Greene collection.

The Administration building is now completed, with the exception of some finishing, touches

Buildings

and Building

especially in the lower story. The office equipment will be moved in from the Natural History building and Main hall during the latter half of the month, and the various departments will be ready for the year's work beginning in September. As the building is to be used only for offices, it is equipped with a passenger elevator.

In the assignment of space, the offices used most frequently by the students and general public are on the first floor.

Here are the offices of the registrar, bursar, high school visitor and dean of men. The general offices of the registrar and bursar are on the opposite sides of a large room furnished like a bank. This part of the building is the east annex, situated at the end of the main corridor, adjoins the lecture room of the Commerce building, and is only one story high. The offices of the dean of men occupy most of the front part of the building. Here also is an information bureau and a stenographer's room.

The front rooms of the second floor are taken up by the offices of the supervising architect of the University, James M. White, '90, and of his assistant, H. D. Oberdorfer, '10. The comptroller's office is also located here. On the east side are the offices of the auditor, purchasing agent, and a suite of rooms for stenographers.

The president's offices occupy the entire front of the third floor. President James's private office is at the southwest corner. The rest of the space is occupied by offices for his secretaries and clerks, and by the administrative library. The east side of the third floor is for the University trustees and the Alumni association. The Association has two rooms and a store-room, and will be much better equipped to take care of its records and publish the *Quarterly* and *Notes* than it was in the small one-room establishment in Main hall. The old grotto adjoined the *Illini* office, was uncomfortably close to the school of music, and was not exactly a place for clear thinking. More space will be available in the new quarters for the keeping of pictures, mementos, and other such alumnibilia, of which there is now a fair collection. It is hoped that in time a sort of alumni museum may be established.

The basement of the building will be used for store-rooms. The west side is reserved for the registrar and comp-

troller. Vaults for the keeping of records are part of the equipment of all the more important offices.

The addition to the Chemistry building did not go up as fast as the Administration building, but the walls are up and it is easy now to see just how the completed structure will appear. The addition, which faces the east, is the same length as the old laboratory, and more than doubles the space. The old laboratory had 77,884 square feet; the new has 86,404. The cost of the new will be more than twice that of the original building, and the expense for equipment will make the total still higher.

The basement of both the old and new sections will be occupied by the divisions of applied and physical chemistry and the state water survey. On the first floor will be applied chemistry, physical chemistry, the museum, lecture rooms, and quarters for the chemical club. Organic and analytical chemistry and bacteriology will be on the third floor. The fourth will be used for physiological chemistry and a freshman laboratory.

The old laboratory was built in 1901, when in chemistry there were 238 students and ten instructors. (There are now 1500 students and 54 instructors.)

The dedication of the new laboratory is being planned for next spring, probably during the Easter vacation. Prof. Noyes, head of the department of chemistry, expects to have the American chemical society meet here at that time. About 500 chemists will attend.

The foundations have been laid for a group of buildings for the departments of zoology and entomology on the half block bounded by Healy, 6th, and Wright streets, just south of the Christian church. The space was formerly used as a training ground for the football teams. When completed the aquaria will accommodate eight laboratories for experimental work. In the southwest corner will be a large pond. Several

glass houses will be built in connection. These buildings are the first to go up on the Champaign side since the erection of the new armory.

It was at first thought that the structures could be combined with the botanical laboratories, which were built last year north of the Transportation building, but this was found to be impracticable.

Work has begun on the Ceramics building, which is to stand just east of the Transportation building facing Goodwin ave. The dimensions are 67x189, three stories and basement. A corridor will connect it with the ceramics kiln house. The first and second floors will be occupied by the class rooms, laboratories, lecture rooms and offices of the ceramics department; the geological survey will be on the third floor. Including equipment, the cost will be about \$125,000.

The Supervising Architect has been instructed to proceed at once with the making of detailed plans for the Music building to be erected on the campus just east of the Auditorium. Readers of the *Quarterly* will recall that Capt. T. J. Smith of Champaign recently bestowed a sum exceeding \$200,000 on the University for the purpose of erecting such a building as a memorial to his wife, Nina Weedon Smith.

Plans for the Women's residence hall to be erected on W. Nevada st., Urbana, just north of the forestry and the new playground for women, have been prepared. The dimensions are to be 112 by 168 feet, and four stories high, with basement. Living quarters will be provided for about ninety women. The plans include a dining room in the basement for 150 people, a laundry, lockers and shower rooms, servants' quarters, a kitchenette on each floor, a solarium, a sunken court, and an emergency hospital. The building will be in charge

of a matron, whose office will be in the north half of the west wing.

Plans for the completion of the Natural History and Transportation buildings are being prepared in the office of the supervising architect. Preliminary plans for the new Library, to be erected at the south end of Wright street, are also in preparation.

The plans for the school of education in the collegiate Gothic style of architecture have been rejected by the board of trustees. New plans are being prepared.

The paved driveway between Engineering hall and the Physics building is to be extended north between the pumping station and mechanical engineering laboratory to Springfield avenue. The pavement now extends only to the Boneyard bridge.

At its latest meeting the board of trustees voted to purchase thirty-seven and a half acres of land lying immediately west of Mount Hope cemetery in Champaign. This piece extends from Fourth st. west to First st., and completes the holdings of the University entirely encircling the cemetery and effectually preventing its possible extension.

The Y. M. C. A. building is being considerably remodeled. The bowling alleys and billiard rooms are being made over into committee rooms, a smoking apartment and an addition to the cafeteria dining room. The space upstairs vacated by the committee rooms will be used for additional dormitories for twenty students. The employment bureau will be moved to the main floor.

President James of the University desires to place on the shelves of the trustees' room of the new Administration building a complete set of all the publications of the University of Illinois, including catalogs, bulletins and publica-

Request for Catalogs

tions of professors while connected with the University. He will appreciate it, therefore, if any alumni having catalogs of the University previous to 1890 will send them to the President's office. He will also be pleased to receive any of the other publications referred to above.

Donald McIntosh, professor of veterinary science in the college of agriculture for thirty years,

Retirement has retired on an allowance computed on a basis acceptable to the Carnegie foundation. The retiring of Prof. McIntosh reminds us that Prof. C. W. Rolfe, '72, is the only one of the veterans still in active service.

Prof. McIntosh is a native of Scotland, and received his early education in the Elora academy, Elora, Can. Later he graduated from the Toronto veterinary college. He came to the University as professor of veterinary science in 1885, and has given instruction continuously since that time. No agricultural graduates and few of the others but who knew "Doc McIntosh and Vet." He is known even better, however, throughout the state outside of the University as a writer on veterinary topics and as an authority on his subject.

By exercising his right of veto, Governor Dunne has dealt a severe blow to two important state

Severe Losses interests somewhat
By Veto closely related to the University. He eliminated, in section 49 of the omnibus appropriation bill, the item providing funds for some of the most important work of the State Historical Library. These items included \$1750 for salary of special editor of publications, \$2000 for clerical service, and \$5750 for stationery and for printing the historical collections. No more promising work has

been done of late years by any of the state historical societies than that carried on by Professor Alvord for the State Historical Library of Illinois. The several series of publications begun under his editorship have a great value in the history of the country, and if this veto means the discontinuing or the serious curtailing of this valuable research, it will work a peculiarly unfortunate and almost irreparable injury to research in Illinois state history, and the maintaining of the excellent position which the work of Illinois now occupies among the states in this respect.

Even more complete was the elimination of the Illinois Miners' and Mechanics' institutes by the vetoing of section 91 of the omnibus bill. These institutes were established only a short time ago, but had already made themselves exceedingly useful. They are entirely wiped out. Director Williams has already left, and twelve mining engineers are also deprived of their positions. Whether any part of this work can be undertaken by the department of mining engineering of the University remains to be seen.

Maj.-Gen. Leonard Wood of the U. S. Army liked the appearance of the University battalion when
Letters From he visited the Uni-
Leonard Wood versity and inspected the cadets on Military day, May 31. He later wrote to President James as follows:

I wish to express to you my appreciation of the splendid work which is being done under your direction at the University of Illinois in the way of preparing the youth of our country to discharge not only their civil, but also their military obligations. I have never been more interested anywhere than with the work which you are doing and the wisdom and foresight with which expenditures have been made with an eye to the future. If every Land Grant college had proceeded with equal sincerity and loyalty to the spirit of the Endowment act, with its obligation for military training, we should be far better prepared than we are for national defense in the way of trained men, and our people would

have a much fuller conception of their obligations to the state from the soldier standpoint than at present.

I sincerely hope you will continue to receive the support and approval of the state authorities in the future, as you have in the past, and that the great university under your charge will continue to show to the universities of sister states what can be done by well directed effort.

It was an inspiring sight to see the two regiments, and I feel convinced that every man who has had military training will leave the university all the better for it, not only physically but morally and from the standpoint of a better appreciation of the duties of citizenship.

A brief account of the exercises on that day was printed in the *Notes*.

During the latest meeting of the board of trustees, a telegram was received from the War department announcing that, on the recommendation of the military authorities who inspected the University this spring, Illinois has been designated a distinguished institution in military. The consistent encouragement given by President James, and the very unusual ability of Maj. Webster, have combined to bring this distinction to the University. Those who feel a natural pride in this aspect of Illinois success will read the first paragraph of the following letter with pleasure, and the second paragraph with the keenest regret and disappointment. Although no formal announcement has been made, the clear implication of this paragraph in General Wood's letter is to the effect that Major Webster must soon relinquish his position.

My dear Major:

I wish to express to you my sincere appreciation of the excellent work which you have been and are doing in the military department of the University of Illinois. It illustrates what is possible when a good officer has the support and backing of an intelligent and patriotic president supported by the Board of trustees. You are singularly fortunate in working under a man like President James, who has a conception of what can be done and should be done, and has made it possible to bring the work up to its present fine standard.

I regret exceedingly that you will not be able to complete your full detail. It seems a great pity to have to change just as you are really fully in touch with the situation. Your work impresses me as being deserving of the

highest commendation. That you have shown great tact, ability and force as well as excellent judgment is shown by the large measure of confidence reposed in you by the president and trustees of the University and the cordial support and enthusiasm which you have raised in the personnel of the cadet regiments and other organizations.

Very sincerely yours,

Leonard Wood

Maj. Gen. U. S. A.

The University budget had not been approved when the *Quarterly* went to press, and conse-

Changes in The Faculty quently only a preliminary list of new appointments was

available. Three heads of departments, and a comptroller have been named, in addition to several appointments of minor importance.

In civil engineering, Prof. I. O. Baker, '74, has resigned after forty years' service. He is succeeded by Frederick Haynes Newell, organizer and director of the U. S. reclamation service.

It is on his work as organizer and director of the reclamation service that Prof. Newell's reputation rests. Under his direction have been constructed some of the largest dams and reservoirs in the world, together with systems of canals for distributing the stored water to about 3,000,000 acres of land in seventeen western states. Problems in almost every branch of engineering have been met and solved. He has shown special ability as a judge of men and as an executive in getting them to work loyally with him.

Professor Newell, whose father also was an engineer, graduated from the Massachusetts institute of technology in '85 as a mining engineer, and did post-graduate work in geology and hydraulics. In '88 he became assistant hydraulic engineer of the U. S. geological survey. When the Reclamation act was passed in 1902 he became director, and has been an important factor in impressing the public with the import-

ance of the problems of water conservation and use.

A portrait of Prof. Newell was published in the May 15 *Fortnightly Notes*.

Kenneth McKenzie, formerly assistant professor in Yale, has been appointed head of the department of Romance languages and professor of Romance languages, a position that has been vacant for the past five years, or since the resignation of Professor Weeks. Prof. D. H. Carnahan, '96, has served as chairman. Dr. McKenzie holds degrees from Harvard, and from Grenoble college in France. Besides his teaching at Yale his experience has included Union college and the university of West Virginia. He is a specialist in Italian and has done considerable research work in that language.

W. B. Castenholz of Peoria has been appointed comptroller of the University and professor of accounting to succeed Prof. G. E. Frazer. Mr. Castenholz has been auditor for Marwick Mitchell and co., and other firms. He was educated in the universities of Indiana and Wisconsin and has taught in high schools. His articles written on cost accounting have attracted favorable attention.

Miss Louise Freer of Mt. Vernon, Ia., who takes the place of Gertrude Moulton as director of physical training for women, is a graduate of Cornell college, Mt. Vernon, Ia., and has also taught there. For several years she has been giving instruction in physical training in the state normal school at Moorhead, Minn.; in Olivet college; and in the Y. W. C. A. at Racine, Wis. She has also been director of playgrounds at Winnipeg, Can.

R. D. Carmichael has been appointed assistant professor of mathematics. Dr. Carmichael comes from the university of Indiana, where he was associate professor of mathematics. He is a Princeton graduate.

Robert Stewart, Ph.D., '09, formerly of the Utah agricultural college, has been appointed associate professor of soil fertility to fill the vacancy created by the death of Dr. Pettit. Dr. Stewart held a fellowship in agronomy in the University in the year he took his Ph.D., and has also studied in the university of Chicago. He is the author of various articles on chemical subjects.

Ex-Senator Len Small of Kankakee is the new president of the state board of agriculture, and ex-officio member of the board of trustees of the University. He succeeds James K. Hopkins, who died May 20. Mr. Small is well known as a farmer, and as one of the organizers and directors of the Kankakee soil and improvement association, and for thirty years has been an active officer of the Illinois state fair. He has been state treasurer, and in 1912 was a candidate on the Republican ticket for governor of Illinois.

James H. Greene, '08, has been appointed state leader in junior extension (boys' and girls' club work) in cooperation with the U. S. Department of Agriculture. Since his graduation, Mr. Greene had been farming and teaching.

Robert L. Cushman comes as instructor in political science to fill the vacancy left by the resignation of Prof. Dodd. Dr. Cushman is a graduate of Oberlin with the class of '11. He studied two years at Columbia, where he held the George William Curtis fellowship in political science; also the William Bayard Cutting traveling fellowship in the same subject.

G. E. Forbes has been appointed instructor in art and design.

E. F. Kohmann has been appointed dairy chemist, with the rank of associate in the department of dairy husbandry of the agricultural experiment station.

Howard Bishop Lewis comes as associate in physiological chemistry from

the university of Pennsylvania medical department. Previous to his work there he taught at Yale, where he also received his B.A. and Ph.D.

Gilbert Gusler has received the appointment of assistant professor of animal husbandry. He comes from Ohio State university, where he taught the same subject he will teach here.

H. W. Puckett has received the appointment of instructor in German.

L. T. Wilson has been appointed instructor in mathematics.

PROMOTIONS

Dr. W. A. Oldfather and Dr. J. D. Fitz-Gerald have been promoted to full professorships in classics and Romance languages, respectively, in recognition especially of their notable contributions to scholarship.

Professor Oldfather's contributions include a large number of articles in scholarly periodicals and in other repositories of classical learning. He has published in *Philologus* four articles, in *Classical Philology* three, in *The Classical Review* two, in *Transactions of the American Philological Association* two, in *The Classical Weekly* two, in *Progressive Journal of Education* six, and one in *The Classical Journal*. He has contributed a number of articles to educational journals, and eight important reviews of books on classical subjects. With Prof. Canter as collaborator he has just published *The Defeat of Varus and the German frontier Policy of Augustus*, in *The University of Illinois Studies in the Social Sciences*.

The Phormio of Terence transcribed by Prof. Oldfather was presented at Northwestern university in 1909; *The Clouds of Aristophanes*, in a translation by him and Prof. Moss was presented at the University of Illinois in 1913.

To the Pauly-Wissowasche Real encyclopädia des klassischen Altertums,

the standard work of reference in classical philology, he has contributed about 150 supplementary articles and eight new articles in the first seventeen half-volumes, covering all points relating to the Lokrians and Lokris, and is the only American scholar, so far as the writer knows, who has been invited to contribute to this monumental work. The European war has delayed the appearance of these volumes. Seven other articles for various periodicals are in press.

Prof. Oldfather's productivity would seem to be increasing. He is preparing for Teubner a text of the fables of Arianus; for Gustav Fischer of Jena a bibliography of the social and economic history of antiquity; with Prof. Pease and Canter an *index verborum* to the tragedies of Seneca; and for the Loeb classical library the translation of Epictetus.

Prof. Fitz-Gerald's best known book is his *Rambles in Spain*, published in 1910, which is based upon his earlier *Reading Journey through Spain*. He has also issued *Lope de Vega: Novelas á la Señora Marcia Leonarda* with introduction and notes. With the late Thacher Howland Guild he translated *Un Drama Nuevo* from the Spanish of Don Manuel Tamayo y Baus, published in 1915. Some thirteen articles and reviews for scholarly periodicals are also accredited to him. He has contributed twenty signed articles to the *New International Encyclopaedia*, of which he has been in charge of the department of Hispanic languages, literatures, history, and biology. For five years he has been one of the associate editors of the *Romanic Review*, which he helped to found.

W. L. Burlison has been promoted to the position of associate professor of crop production in the college of agriculture and associate chief in crop production in the agricultural experiment station.

LEAVES OF ABSENCE

Prof. W. J. Fraser, '93, of the college of agriculture, has been granted leave of absence for a year beginning Sept. 1. Prof. Fraser has been on the faculty over 20 years. He will study agricultural economics at Harvard.

John W. Lloyd, professor of olericulture, has been granted leave of absence for one year. He will study in California.

O. S. Watkins of the horticultural department has taken leave of absence on account of ill health. He is living in a cottage at the edge of Danville.

RESIGNATIONS

L. D. Coffman of the school of education has resigned, and has gone to the university of Minnesota. His going makes a total of nine Illinois faculty men captured by the Gophers in two years, and the hunt is said to be still in progress. It seems a relatively easy matter to take good men from Illinois.

Gertrude E. Moulton, director of physical training for women since 1911 and instructor in the department since 1907, has resigned. She will enter the college of medicine of the University in the fall, and will specialize in physical training.

Ira O. Baker, '74, has resigned as professor of civil engineering and as head of the department, after a period of service extending over forty years. Prof. Baker began giving instruction immediately after his graduation in 1874. His resignation does not mean that he will leave the University. He will remain and give instruction in a few branches, but will not have to assume the care and responsibilities of the department's head. Three years ago he asked to be relieved, but consented to remain until his successor was found.

Prof. Baker enjoys a notable reputation as an authority on roads, and as a thoroughgoing civil engineer. Two

years ago the prominent engineers of the west, most of whom are alumni of Illinois, gave a dinner in his honor at Chicago. He is 72 years old, but does not show his years. He ought to be helping make Illinois engineers for several semesters yet.

L. T. Jones, instructor in physics, has resigned, having been appointed instructor in physics in the university of California. He received his Ph.D. from Illinois in June.

PARAGRAPHS

A FOUR-YEAR COURSE in dentistry will be given by the college of dentistry of the University, beginning in Sept., 1917. The course at present takes three years, although a course of four years or even longer is sometimes arranged in special instances.

ALTHOUGH THE semi-centennial of the University is still $2\frac{1}{2}$ years away, plans are being made for a fitting celebration of the occasion. In the same year will be the hundredth anniversary of the admission of the state of Illinois to the Union.

AS MIGHT be expected, most of the faculty members going away for their summer vacations went west instead of east, the Panama-Pacific exposition being a greater attraction than anything eastward.

NINETY-SIX men took the state architect's examination at the University during the week ended Apr. 16. L. F. W. Steube, '03, of Danville, was chairman of the examining board. Prof. N. C. Ricker, '72, was one of the other two members.

THE CO-OP, which already deals in almost everything necessary for the journey from matriculation to the diploma, will add a banking department next fall. At present, the money-laden depositor has to leave his work in the middle of the afternoon to do his bank shopping down town.

THE STAR course ended May 21 with Judge Kavanaugh of Chicago as the finale, John T. McCutcheon being unable to come. The course tested out well, but many people were keenly disappointed in the omission of the McCutcheon lecture which had as usual been extensively advertised.

A PETITION signed by 1136 names of students and faculty people in the University and commending the policy of President Wilson, was sent to him on May 14.

PERSONAL

David Kinley, vice president of the University, has been named by Secretary McAdoo as a member of a committee to arrange for a visit of American business men to South America.

Henry B. Ward, head of the department of zoology and an authority on fish culture, is spending the summer in investigation work for the U. S. Bureau of fisheries. The future of salmon fishing in Alaska is threatened by the construction of a huge dam in the Shagit river. It is Prof. Ward's problem to find some way of overcoming this disadvantage. He is accompanied by H. E. Metcalf, a graduate student in zoology.

Dr. Joel Stebbins, professor of astronomy and director of the observatory, has been awarded the Draper gold medal for his work in measuring the brightness of stars. The medal was presented by the National Academy of sciences. Dr. Stebbins already possesses the Rumford gold medal, presented to him last year.

J. Lawrence Erb, director of the school of music and University organist, is giving organ recitals and lectures on the Pacific coast during the summer.

Prof. N. A. Wells is spending part of the summer in mural decorative work in Memphis, Tenn.

Prof. I. O. Baker has presented to the University a portrait of himself painted

by Merton Grenhagen of Chicago. Prof. Baker recently resigned as head of the department of civil engineering.

Frank W. DeWolf, director of the state geological survey, made an address at the dedication of the Julius Rosenwald hall of the university of Chicago. Mr. De Wolf is an alumnus of Chicago.

John D. Fitz-Gerald II is teaching in the Columbia university summer session. Former Illinois faculty men also teaching in the Columbia summer session include Ernest M. Halliday, once instructor in public speaking; Thomas R. Powell, formerly associate in political science; E. J. Fortier, formerly instructor in romance languages; and Stephen S. Colvin, formerly head of the department of psychology.

F. L. Stevens, professor of plant pathology, is in Porto Rico doing biological survey work for the New York academy of sciences.

Prof. Madison Bentley of the department of psychology was alumni orator at the university of Nebraska commencement June 4. Prof. Bentley graduated from Nebraska in '95.

R. E. Hieronymous, community advisor of the University, was a speaker at several meetings held from May 18 to June 4 throughout the state by the American bankers' association.

J. E. Smith, assistant professor of civil engineering, and Bruce W. Benedict, director of the shop laboratories, were elected aldermen in Urbana and Champaign Apr. 20.

Emma Jones (Spence), '85, of Redlands, Calif., says that Prof. J. D. Crawford, instructor in history at the University from '73 to '93, is living in Redlands, and is very fond of recalling old days. "He loves to spend long hours in reminiscences," says Mrs. Spence, "calling accurately all names and dates in historic events of college days. We have many happy times together. He reads

with interest the *Notes* and *Quarterly*, and wishes to be remembered to all the boys and girls of his classes. Lately he has not been well. Every alumnus will wish him a long and happy afternoon of life. Any letter addressed to him here will reach him."

Dudley O. McGovney, formerly of the law faculty, is dean of the Tulane university college of law.

John W. Davis, instructor in electrical engineering, is spending the summer in studying the Westinghouse electrical co. plant in Pittsburg, Pa.

Frank E. Melvin, formerly assistant in history at the University, has been appointed assistant professor of modern European history in Cornell university. He received his Ph.D. last year from Pennsylvania, and this year has been a research fellow there. Prof. Melvin used to be head usher in History I, he presided at the exams, and could get more enjoyment out of Hakluyt's *Voyages* than we ever could.

George F. Arps, formerly assistant professor of psychology in the University, is now in charge of the work in educational psychology at Ohio State university.

John H. Minnick, whom many will remember as instructor in mathematics in the old Academy, has been granted a fellowship in education at Pennsylvania for next year. He has taught in the Bloomington (Ind.) high school, and has studied in New York for his degree of Ph.D.

"J. Herb Kelly", says the *Heth Hello*, "seems to be stirring things up in his normal school at Gunnison, Colo. We recently received a copy of the news letter of his institution giving a prospectus of the summer school, which has some thirty instructors. The letter also has considerable to say about the scenic beauties of the locality." Kelley was formerly executive clerk in the office of President James.

Ira Melville Smith, chief clerk in the registrar's office, was married on June 30 at Princeton, Ind., to Elizabeth M. Mooney. After Sept. 1 they will be at home at 1010 W. Oregon st. Mr. Smith is a graduate of Indiana university.

Anna V. Simon, instructor in music, was married on June 29 at Newport, Ky., to Herman B. Dörner, assistant professor of floriculture.

Felix E. Held, formerly instructor in German, is now associate professor of German in Miami university.

F. William Wascher, '11, first assistant in soil physics in the college of agriculture experiment station, was married on June 24 at Maroa to Eugenia Leiter.

William McGill, known as "Wee Willie", formerly athletic trainer at the University and now holding a similar position at Northwestern, was married on June 26 to Mrs. Mary M. Egan of Urbana.

Miss Celia A. Drew, formerly instructor in English in the Academy, has been teaching during the past year in the Julia Richman high school, New York City.

The engagement of Anna Shepard, secretary in President James's office, and Ellis B. Stouffer, formerly instructor in the University, has been announced. Dr. Stouffer is now assistant professor of mathematics in the university of Kansas.

OBITUARY

JAMES K. HOPKINS

James K. Hopkins, member ex-officio of the board of trustees of the University and president of the state board of agriculture, died on May 20 in Chicago. Mr. Hopkins had been in office only since January. He was elected president of the state board of agriculture last September, succeeding Dr. John T. Montgomery of Charleston. He had been on the board for twelve years before his election as president, and was

well acquainted with many University people, especially of the college of agriculture.

The home of Mr. Hopkins was at Princeton. He had a farm near this place, and for several years was mayor of the town. Previous to his residence at Princeton he was in railroad work for thirty years. In the Civil war he was a member of the 52nd Illinois volunteer infantry.

Funeral services were held at Princeton May 23.

The board of trustees in their session on May 22 adopted a resolution in memory of Mr. Hopkins.

MRS. MADISON BENTLEY

Emma Snelling Bentley, wife of Pro-

fessor Madison Bentley of the psychology department, died on May 21 at Urbana of rheumatic fever. Funeral services were held on May 14 at Marshalltown, Ia.

Mrs. Bentley was born in Marshalltown Aug. 17, 1869, and was married there in 1897. Mr. and Mrs. Bentley lived in Ithaca, N. Y., until 1912, in which year they came to Urbana.

One daughter, Virginia, aged 13, survives her.

MRS. ALLEN MC DANIEL

Mrs. McDaniel, wife of Prof. Allen B. McDaniel of the department of civil engineering, died on Apr. 18 at Boston, Mass.

NOTES ON BOOKS AND ARTICLES

Under this head will be published notices (space permitting) of such books and articles as are sent to the Quarterly for that purpose, and under a sub-title will be listed all such books and articles by alumni, members of the faculty and allied scientific bureaus as may be brought to the notice of the Editor. The cooperation of the alumni and faculty is invited, that this department may be made a complete record of our contributions to current literature.—EDITOR.

During the year ended Apr. 30, 1915, members of the faculty wrote a total of 449 articles for magazines, cyclopedias, and volumes of proceedings; 114 book reviews, and 25 books, besides a number of productions classed as original reviews. This information, taken from the pamphlet issued annually by the editor of the *University Studies*, shows the volume of production to be a little larger than last year. A large part of the literary activity of the faculty consists in the writing of scholarly periodicals, which is well shown in this report.

Most of the articles appeared in periodicals closely related to the instructor's branch of work, but a few were published in magazines of wider appeal. Ten articles were published in

Woman's World; many of the agricultural staff contributed to the *Breeders' Gazette*, *National Wool Grower*, *Country Gentleman*, *Review of Reviews*, and *Good Housekeeping*. The *Dial*, *Nation*, *Science*, and *Popular Science Monthly* are among the semi-popular magazines most frequently contributed to. Articles for cyclopedias were written by several of the faculty. Prof. Wilhelm Miller wrote 56 articles for Bailey's Standard Cyclopedia of Horticulture; Prof. Garner and Mr. Mathews of the department of political science, and Prof. Greene of the history department, have a number of articles in the Cyclopedia of American Government. A few of the professors write textbooks for correspondence schools and for the publishers of "How To" libraries. A list of the books follows:

- Alvord, C. W.: Illinois Wabash Land Company Manuscript.
- Babcock, K. C.: The Scandinavian Element in the United States (Review in April *Quarterly*)
- Bagley, W. C.: School Discipline.
- Bartow, E.: Water Survey Report for 1913.
- Bloomfield, L.: Introduction to the Study of Language.
- Bogart, E. L.: (1) Business Economics (2) (With C. M. Thompson, '09) Exercise Book in the Economic History of the United States.
- Coffman, L. D. (with J. C. Brown): How to Teach Arithmetic.
- Cole, A. C.: The Whig Party in the South.
- Detlefsen, J. A.: Genetic Studies on a Cavy Species Cross.
- Fairlie, J. A.: Editor of Report, Efficiency and Economy Committee, State of Illinois.
- Fantus, B.: Candy Medication.
- Flom, G. T.: The Phonology of the Dialect of Aurland, Norway.
- Garner, J. W.: (1) Studies in Southern History and Politics (2) A History of French Republic Law.
- Greene, E. B.: Biennial Report of the Board of Trustees, Illinois State Historical Library.
- Hollister, H. A.: Administration of Education in a Democracy.
- Kay, F.: Coal Resources of District 7.
- Keith, M. Kelen (with E. B. Forbes): A Review of the Literature of Phosphorous Compounds in Animal Metabolism. (For review, see April *Quarterly*.)
- Lloyd, J. W.: Productive Vegetable Gardening.
- McDewell, H. S. (with L. S. Marks): Gas and Oil Engines and Gas Producers.
- Mumford, H. W. (with H. S. Grindley, L. D. Hall, A. D. Emmett, W. E. Joseph, and H. O. Allison): A Study of the Digestibility of Rations for Steers with Special Reference to the Influence of the Character and the Amount of Feed Consumed.
- Oliver, T. E.: Students' edition of Sedaine's *Le Philosophe sans le savoir*.
- Pease, T. C.: The County Archives of the State of Illinois.
- Poor, C. M.: Students' edition of Isolde Kurz's *Zwei Märchen*.
- Reece, E. J.: State Documents for Libraries.
- Robinson, M. H.: Organizing a Business Enterprise.
- Scott, F. W., '01 (with J. Zeitlin): College Readings in English Prose.
- Simpson, Frances, '03: Katherine L. Sharp—An Appreciation.
- Sisam, C. H. (with V. Snyder): An Analytical Geometry of Space.
- Thompson, C. M., '09: (1) The Illinois Whigs before 1846 (2) The Investigation of the Lincoln Way (3) (See Bogart, E. L.)
- Townsend, E. J.: Functions of a Complex Variable.
- Trelease, W.: Contributions from the Henry Shaw School of Botany
- van den Berg, H. J.: Graded Materials for Piano Teachers.
- Washburn, E. W.: Introduction to the Principles of Physical Chemistry.
- Whipple, G. M.: (1) Manual of Mental and Physical Tests (2) Translation of W. Stern's Psychological Methods of Testing Intelligence.
- Thompson, Charles M., 'c9: The Investigation of the Lincoln Way. Illinois State Historical Library, 1915. pp. 70.

The 47th general assembly of the state legislature authorized the trustees of the state historical library to investigate the route traveled by Abraham Lincoln in his journey from Kentucky to Illinois in 1830. Dr. Thompson was appointed to conduct the investigation, and in this volume are recorded the results of his.

work. He gave to the readers of the *Quarterly* (October, 1913) a description of his labors in finding the Lincoln Way. The present booklet is a more complete treatment of the subject, and includes affidavits, newspaper accounts and letters. The reader finds considerable entertaining reading in Dr. Thompson's interviews with old inhabitants, in the letters from them, and in the spirited editorials from down-state newspapers that had positive ideas about where the Lincolns crossed the Embarras. "The alleged professor in Champaign who is talking about the Lincoln Way is a fool," said the *Charleston Daily News*. "Again, and again, the Lincolns did not go to Vincennes, but to Mt. Carmel . . . this portion of Eastern Illinois knows the Lincolns and Hanks but do not know the Doc Cook authorities named in the alleged Lincoln Way report."

Remick, Andrew B., ex-'10: The Selection and Protection of Trade-marks. An address before the St. Louis Ad Men's league. pp. 8.

Mr. Remick, who is an attorney in St. Louis specializing in trade-mark cases, explains why a trade-mark should be carefully selected and taken care of. He speaks of the manufacturer who allowed his doting daughter to name one of his products which was to become a household word. In about a year the product had won high favor from the public; then along came a letter from a small manufacturer threatening injunction proceedings for infringing a ten-year-old registered trade-mark. It finally cost the Old Man several thousand dollars to pacify the rumpus that his daughter had innocently aroused.

This little booklet is full of good sense and good advice. In one sentence Mr. Remick tells pretty thoroughly what not to choose in trade-mark names:

"Don't select a descriptive, personal, geographical, deceptive, infringing, college or fraternal name or the red-cross emblem." It may seem that to get a name without stepping on some of these don'ts will be fairly hard to do.

Rohrer, Carl J., '11: Electricity in Agriculture. General Electric Review, Schenectady, N. Y., XVIII:6:483-96, June, 1915.

Mr. Rohrer is an agricultural specialist in the lighting department of the General electric co. of Schenectady, N. Y. He has made a study of electricity on the farm, and gives in this article, which is liberally illustrated with pictures, the results of his investigations.

Electricity is not in general use on the farms of the mid-west prairies. The popping gasoline engines are still the favorites, and doubtless will continue to be for several years. In Germany the electric farm is more common. There the electric plow, for instance, is in common use. However, as \$15,000 is considered a bargain price for an outfit, the farmers in Illinois will have to scrape along a while yet with their John Deeres. Mr. Rohrer says that a fortune awaits the man who will put out a cheap electrical plow.

The many uses to which electricity may be put on the farm are reviewed and illustrated. In threshing, for instance, the old-time loud-puffing steam engine is left at home. In its place is a humming motor and transformer. Connection is made with hooked cables to the feed wires by the roadside.

The article is, like all the others in the magazine, a song of praise on electricity, for that is the General electric co.'s business. The faults of electricity as a farm power are not mentioned. Scant note is made of the gas engine, which in most cases has to run before any electric motors move. "The engine-

driven plants," also says the author, "require an operator to be in practically constant attendance." A gas engine, after being started and oiled, will chug along for several hours without attention. It is our inexperienced recollection that the one we used to have on the farm did not run much better when we stood and watched it.

van den Berg, Henri J.: *Graded Materials for Piano Teachers*. U. of I. Supply Store, Champaign. 1915. pp. 49.

"This is the sort of work," says Director Erb in the preface, "that ought to lie at one's elbow beside the Dictionary of Musical Terms and the Biographical Dictionary of Musicians. . . There is no other recent work which might be put into the hands of the young teacher. . . which would enable him to take advantage of all the good things irrespective of the particular publishing house with whom he happened to have a trading account."

Mr. Berg is instructor in piano in the school of music. His long experience in teaching makes him well qualified to write on the subject.

Cass, Alice Hazen, ex-'11: *Practical Problems for Women's Clubs*. McClurg, Chicago, 1915.

The author, who attended the summer session in 1911, gives here a compilation of study subjects for the use of women's clubs and similar organizations. The eleven chapters take up a variety of subjects, such as home economics and pure food, education, public health, art, music, travel studies, and miscellaneous programs.

Farwell, Stanley Prince, '07. M.S. '10. Ph.D. '14: *The Corona Produced by Continuous Potentials*. Thesis submitted for degree of Ph.D. in the graduate school of the University, 1914.

Mr. Farwell in this paper deals with an experimental investigation of the corona around small wires as produced by continuous potentials up to 15,000 volts. The continuous potentials were obtained from a series of 500-volt generators.

Whitford, Robert C.: *A Mother for the Brotherhood*. *Signet of Phi Sigma Kappa*, VI:4, March, 1915.

Mr. Whitford sets out to show why every fraternity house should have a matron or "house mother" as a sort of check and balance. It is his belief that a house-full of pronounced males sits around too much down-stairs in pajamas and talks too loud and irreverently, and does other ungodly things wherever the matron is lacking. So Mr. Whitford would have a matron, even though something else went unbought.

But he would have a good matron—and around this most of his discussion swirls. For the woman capable of standing at the throttle of a fraternity house through thick and thin must be considerably more than a mere landlady arguing with the boys when they persist in kicking at a mark on the wall. Mr. Whitford ends up rather mournfully wondering why Phi Sigma Kappa has none of these "chapter mothers."

PUBLICATIONS

THE ILLINOIS CHEMIST

The introductory number, published in June, has 44 pages filled with articles, illustrations of the new chemical laboratory, an account of the dedicatory exercises last October, a list of this year's graduates in chemistry and of publications by the department since July, 1914, and several pages of miscellaneous material. The growing prominence of chemistry as a University study is sufficient evidence that a publication such

as the *Illinois Chemist* is, in the minds of its promoters, not only needed, but that it will succeed. The first issue is poorly printed, but chemical students and alumni will find in it interesting material concerning the department.

THE ANNUAL REGISTER

The 1914-15 edition of the University annual *Register* departs from precedent in general style and makeup. The new volume is 6 by 9 inches in size compared with the old dimensions of 5¼ by 7½. The enlargement reduces the pagination from 650 to 570, and gives a somewhat better tailored effect than was manifested in the old chubby book. In the composition of the *Register* the introduction of bold-face sub-heads and in fact a general tendency to open the typographical muffler, is evident.

Francis Pinkerton, managing editor of the *Monmouth Daily Atlas*, writes in the April *Illinois Agriculturist* on Farmers and Newspapers.

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BOOKS AND ARTICLES RECEIVED

Alvord, Clarence W.: The Relation of the State to Historical Work. *Minnesota History Bulletin*, 1:1, Feb., 1915. pp. 33.

Douthitt, Herman, A.M., '11: Studies on the Cestode Family Anoplocephalidae. *Illinois Biological Monographs*, 1:3. January, 1915. pp. 96.

Graham, A. J., '02: Relaxation of Muscles in the Treatment of Fractures. *Illinois Medical Journal*, June, 1915.

La Rue, George Roger, Ph.D., '11: A Revision of the Cestode Family Proteocephalidae. *Illinois Biological Monographs*, 1:1 & 2, July-October, 1914. pp. 350, 16 plates.

Oldfather, William A., and Canter, Howard Vernon: The Defeat of Varus and the German Frontier Policy of Augustus. *University of Illinois Studies in the Social Sciences*, IV:2, June, 1915. pp. 111.

Porter, Horace C., '97: Coal Tar Products and the Possibility of increasing their Manufacture in the United States. Technical paper No. 89, Bureau of Mines, Department of Interior.

Thompson, Charles Manfred, '09: The Illinois Whigs Before 1846. *University of Illinois Studies in the Social Sciences*, IV:1, Mar., 1915. pp. 165.

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Total paid memberships	2132	2291
Members in arrears.....	373	289
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The increase in these figures seems to be slight, but as a matter of fact is fairly satisfactory, because we have ceased to enroll as members in arrears anyone that has been removed from the mailing list, and the number of members joining through the Illini club of Chicago was reduced by more than two hundred.

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the nominees of the various political parties who had been recommended by the alumni committee. The Illini club of Chicago and the Illini club of Peoria responded with special effectiveness, both by means of letters and telegrams, and did most effective work. But the activity of the alumni of the state was not confined to these clubs alone. The response was immediate and hearty all over the state, and the result was that, of the four persons recommended by the alumni and nominated at the party conventions, three stood first, second and third in the total number of ballots received, including Mr. Carr and Mr. Ward, Democrats, in an election which very generally went Republican. The Alumni Association and the alumni in general are to be congratulated on the result, and they have every reason to feel that they are now organized in a way to do very efficient work in this direction hereafter.

Almost if not quite equally effective has been the work of the committee on University relations and other alumni in support of the appropriation bill in the legislature (and in the work of opposing unfriendly or disadvantageous bills aimed at the University during the present session. The chairman of the committee on University relations, Mr. Graham, has appeared repeatedly before the committees of both the house and the senate. The Illini club of Chicago has actively participated in bringing to the attention of the governor and others the needs of the University and the harm likely to result from ill-advised legislation. The Alumni Association has brought the situation to the attention of every alumnus in this state. While there is no way of knowing precisely what effect all this activity has had in supplementing the work of the president of the University and other friends, there is no reason to doubt that it has contributed materially to the entire success of the legislative session, in so far as

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It seems likely that the Seattle club, which organized for separate existence,

may combine with the Puget Sound association. Plans are under way for new clubs at Spokane, Wash.; Portland, Ore.; and Moline, Ill. The clubs in general have shown considerable activity through the year. The secretary reports that there has been a great deal of difficulty in bringing more clubs into affiliation with the general association, and this matter should have special attention during the coming year. The usefulness of the local clubs and the chances for really helpful work within the state demonstrate clearly that during the coming year effort should be made to increase more clubs in the state of Illinois. The work will be made much easier by the publication of the *Matriculants' Record*, which it is hoped will be out next fall. We shall then have available the names and addresses of practically every person who has ever attended the University, graduates and non-graduates.

Class organizations.—The class secretaries have been unusually active during the year. Four new secretaries were reported last year, those for '78, '85, '93, and '96. Of these, E. C. Craig, '93, and Mrs. F. A. Parsons, '78, have shown very commendable activity.

At the date when this report is compiled, the prospects are excellent for an unusual series of class reunions, particularly by the classes of '90, '95, '00, and '10. It is hoped that the classes scheduled for reunions this year, whose secretaries have shown no interest in promoting the meetings, will be induced to take some measure to provide themselves with interested and efficient officers.

General activities of the secretary's office.—Apart from the work already mentioned, the secretary's office has been active in many ways. The lantern slide lecture now in use has been repeatedly revised until it is now in its fourteenth edition. It has been on the go practically all of the time throughout the

year. The Association has participated with the athletic department in making engagements for the moving pictures of the Chicago football game supplied by R. F. Carr, '93. An entire revision of the mailing list of both the members and of non-member graduates has been completed, and an entirely new geographical index has been prepared for both members and non-members. A new system of handling and recording the memberships has been installed, and in other ways the details of the office work have been materially improved. All correspondence is answered on the day it is received. Detailed records of all cash received on memberships are kept in a way that enables errors to be traced with ease and dispatch. An audit of the accounts of the treasurer has been made by a certified public accountant.

New Quarters for the Association.—The executive committee is pleased to announce that quarters have been assigned to the Alumni Association in the new Administration building, and that the rooms will be available about July 15. By this arrangement the office accommodations will be materially improved. It is expected that the furniture equipment will be increased.

Finances.—The receipts of the Association for the past year were \$5400.96 and the disbursements \$5391.67. The financial condition of the Association is encouraging, though its activities are limited very much through lack of funds to undertake important work.

Gregory Memorial Committee.—The outbreak and the continuation of the European war, and the effect in increasing the depression in business and financial affairs in the United States, have operated to make the conditions extremely unfavorable for prosecuting a campaign for funds for the Gregory memorial. In view of these circumstances, the committee has deemed it not wise to begin active operation, but in-

stead to await a more auspicious opportunity to carry on the work of raising funds. Chairman Bullard reports that the committee is at work in a quiet way, and that as soon as business conditions warrant it is believed there will then be a generous response to this very worthy cause.

REPORT OF THE SECRETARY

All essential features of the report of the Secretary are embodied in the report of the president, and the report is therefore not printed.

REPORT OF THE TREASURER

	June 1, 1915	
Balance on hand June 1, 1914	\$150.92	
Receipts—		
Membership fees	\$3940.94	
University	1000.00	
Advertising	427.15	
Fortnightly and Quarterly sales	26.37	
Addressing	6.50	
Total	\$5400.96	
Disbursements—		
Salaries and commissions....	\$2120.20	
Printing and supplies	2582.85	
Engraving and drawing.....	150.02	
Postage	299.17	
Telegrams	4.94	
Dinner to Alumni Council..	45.00	
Drayage	14.97	
Express and freight	8.02	
Auditor's fee	50.00	
Traveling expenses	111.50	
Membership fee in National Association of Alumni Secretaries	5.00	
Total	\$5391.67	
Credit		\$9.29
Credit Balance		\$160.21
Bills Receivable—		
On membership fees—		
On mailing list..\$440.72		
Off mailing list.. 489.00	929.72	
On advertising	256.42	
for addressing envelopes....	3.25	
For publications to the Class of '95	14.48	
Total	\$1203.87	
Bills payable—		
To printer	\$ 470.49	
Miscellaneous	87.54	
To alumni clubs	2.00	
Total	\$ 560.03	
Balance receivable		\$643.84
Total credit balance.....		\$483.63

SUMMARY

Assets:	
Bills receivable	\$1203.87
Cash balance	348.06
Furniture, supplies	537.90
Endowment fund	307.40
	<hr/>
	\$2397.23
Liabilities:	
(Exclusive of liability to members)...	\$ 560.03
Net assets	\$1838.20

MEETING OF JUNE 15, 1915

At the meeting of June 15 the executive committee appointed Frank W. Scott as secretary and treasurer for the ensuing year, and voted its appreciation of the official work of the secretary and treasurer and of Mr. Stephens. The secretary was instructed to express the thanks of the Association to all who had worked to make the annual reunion a success.

To enlarge the scope and attractiveness of the annual reunion the president of the Association was requested to appoint a special committee the purpose of which will be to devise or select a system of class reunions, and to report at the autumn meeting of the Association.

To improve the personnel and work of the class secretaries, the secretary of the association was directed to fill all vacancies now existing in class offices and to make the necessary arrangements for replacing inactive secretaries with others likely to promote class unity and activity in a vigorous and purposeful manner.

The president was asked to appoint a committee to investigate and report on furnishing and decorating the alumni rooms in the new Administration building. Meanwhile the secretary was authorized to expend a sum not exceeding \$200 in purchasing necessary office furniture, this sum to be raised by voluntary contributions of the alumni. The committee on finance will undertake to raise this sum, or whatever part of it is necessary after this paragraph is read by those who wish to contribute to the proper equipment of the offices. Checks

may be made to the association or to the secretary.

MEETING OF THE ALUMNI COUNCIL

The annual meeting and dinner of the alumni council was held in the Bradley building June 14 in conjunction with the executive committee. The dinner was excellent, but the attendance of the members of the alumni council was poor. This was especially true of the representatives of class groups, who were noticeable rather by their absence than by their presence. The meeting was called to order by Chairman Talbot and proceeded at once to the election of members of the executive committee. J. N. Chester, '91, H. H. Hadsall, '97, and C. A. Kammen, '86, were nominated. Mr. Chester and Mr. Hadsall were elected on the first ballot. W. A. Heath, '83, was nominated for president of the Association. No other nominations being made, Mr. Heath was unanimously elected.

Chairman Talbot presented the reports of the executive committee. Mr. Burt presented the amendments to the constitution proposed by a committee of the executive committee, which will be found among the minutes of the latter. These amendments were approved for submission to the members of the Association. S. A. Bullard made a verbal report regarding the Gregory memorial fund to the effect that, owing to unsettled conditions in finance, the work of the committee was not at present being pushed. Mr. Burt reported briefly on a proposal to change the schedule of reunions in a way to bring about a series of class group reunions. Mr. Wagenseil suggested that the executive committee consider plans for disseminating among the alumni more definite information concerning the University and the matters in hand, when concerted action on the part of the alumni is desired.

PLEASE SAY 'THANK YOU'

The large number of alumni who saw or wrote or telegraphed their representatives in the general assembly during the consideration of the University appropriation bills may not need to be reminded that they would be doing a graceful thing if they would write to these same representatives their appreciation of any support given the appropriation bill, or any other indications of a friendly attitude toward the institution in which we are all interested. It need not be taken for granted that any member of the legislature voted or spoke in a way at all different from the way he would have done if he had not heard from his constituents among the alumni; neither need it be taken for granted that a member of the state legislature expects a letter of thanks either for doing his duty as he sees it or as his constituents see it. But members of the legislature are like the rest of us; having been asked to do something, and having done it, they like to be told that their doing of it has been appreciated. Not much time was required to write the letter during the session of the legislature. No more time would be required to write a second letter, and it is quite possible that the second letter will do just as much good as the first.

Those alumni whose representatives opposed the University interests, manifested unfriendliness, or lack of knowledge of what the University is doing, and of its needs, may doubtless find means to adapt the above suggestions to the circumstances. At any rate, write. Even if you didn't write before, write now.

A NEW ALUMNI PUBLICATION

Beginning with Oct. 1, the *Quarterly* and *Fortnightly Notes* will appear as one publication, to be known as the *Alumni Quarterly* and *Fortnightly Notes*, and will be published every two weeks. The minimum size of the new

periodical will be sixteen pages and cover, more than twice the size of the old *Fortnightly*. However, the pagination will be increased to forty-eight for the issues on the first of January, April, July and October. This is reading matter alone, and does not include advertising, which will make a considerable addition. In combining the two publications we can give the alumni better magazine service. The amount of reading matter sent out every two weeks will be twice what it was before. The quarterly issues will be reduced in size, but, taking the year through, the alumnus will get a great deal more for his money than he did before. And he was getting considerable before, if the hundreds of letters we have received is any indication.

The general style of composition used in the old periodicals will be followed, although every issue hereafter will have a cover. The subscription price will remain the same.

NEW OFFICERS FOR CHICAGO ALUMNAE

The new officers of the Alumnae association of Chicago are Mabel Hopkins (Hubbard), '01, president, of Oak Park; Edith Rogers (Schreiber), '06, vice president, Chicago; Carrie Norton (Laemmle), '07, secretary-treasurer, Chicago. The election was at the annual meeting on May 5 at the college club.

The report of the year showed that luncheons had been given in October, December, January, March, and May. The president, Mrs. Kuehn, had an afternoon at home on the first Wednesday in November. A dinner was given in the Illini club rooms on Feb. 5. President James was the guest of honor at a luncheon Mar. 27 in the Ellis tea room. About 58 were present. The average attendance at luncheons throughout the year was fifteen. Mrs. Schreiber reported that about \$80 had been raised for the collegiate bureau of occupations.

ILLINI DINE AT ATLANTIC CITY

At the annual meeting of the American society of testing materials in Atlantic City during the week of June 21, alumni of the University and former members of the faculty got together at dinner. Thursday evening was selected, though committee meetings and other engagements prevented the attendance at that time of A. A. Stevenson, of Philadelphia, G. J. Ray, '98, of New York and Ellis Hall, '07, of Indianapolis. Those who were able to be present were: Prof. A. N. Talbot, '81, Prof. H. F. Moore and W. A. Slater, '06, of Urbana; A. F. Robinson, '80, and D. A. Abrams, '05, of Chicago; A. V. Bleining, of Pittsburgh; Ross C. Purdy, of Worcester, Mass., and E. J. Mehren, '06, of New York.

WHAT THEY ARE DOING AT ROCKFORD

On June 18, so the *Freeport Journal-Standard* says, the Rockford Illini club gave a picnic in Loves park not only for themselves but also for the Rockford high school graduates and others who might think of going to Illinois next fall. The Illini in Freeport were also invited, the paper goes on, Dick Habbe being the foreign agent. Readers of the *Fortnightly* will recall that Dick started a blaze of enthusiasm among the alumni of Indianapolis last fall.

But here comes a letter from W. F. Hull, president of the Rockford's, in which he says that the June outing remained an inning on account of the weather, "but we hope," continues Walker F., "to put it on a little later. We have at least 125 Illinois men in Winnebago county. Almost fifty Winnebago county students attended the University this year. A dozen or more from this county will enter the University in the fall. Last year we gave an outing for the boys of the senior class of the local high school, and some of them selected Illinois as their University.

"Rockford is well represented by Illinois lawyers. Here are Charles W. Ferguson, George P. Gallagher, James G. Fillmore, Thomas E. Gill, R. H. Brown, Shelby L. Large, F. E. Maynard, B. J. Knight, Mayor W. W. Bennett, and myself, all former Illinois men and mostly from the college of law. A. V. Essington, '14, is in charge of the public speaking department of the local high school, but he will open a law office sooner or later.

Mayor W. W. Bennett, elected three

dency to "magnify the importance of technical matters." He then offered a few bits of advice to engineers just out of the University.

Conserve your health, be strictly honest, keep your heart pure;

Cultivate ability to use correct written and spoken English;

Extend your horizon by reading and study outside of your specialty;

Be careful in selecting your associates; and

Realize that whereas during college



NEW ENGLAND ILLINI CLUB BANQUET APRIL 30

(See *Fortnightly Notes*, May 15)

successive times on a "dry" ticket, is being boomed as a candidate for governor. W. W. as they call him, is a booster for Illinois at all times.

BAKER, '74, ADDRESSES ENGINEERS

I. O. Baker, '74, professor of civil engineering in the University for over forty years, said much of interest to every young engineering alumnus when he spoke before the 6th annual convention of Triangle. The greatest fault of the young engineer, he thinks, is the ten-

you have been expected to receive, your function as an alumnus is to give, to serve.

THE ILLINI IN VERMILION COUNTY

New officers of the Vermilion county club are: Lucy Lewis, '11, president; Arthur Hall, '01, vice president; Madge Gundy, '09, secretary. Plans were made for the annual banquet May 7 at the Elks' club, but were finally abandoned because of lack of interest. Miss Gundy believes that because the alumni in the

county are comparatively close to the University they take little interest in alumni celebrations.

ILLINI CLUB OF THE NORTHWEST

The Illini club of the northwest was organized in Minneapolis June 29. G. W. Rathjens, '10, is president, H. H. Burgess, '08, vice president, and E. O. Korsmo, '11, secretary and treasurer. The club already has a good paid-up membership, and is growing rapidly. Both Minneapolis and St. Paul alumni are eligible to membership.

Minneapolis has had an alumni club for several years, but it has lapsed into inactivity and is little heard of. It is believed that the new club will quickly take a leading position in alumni affairs in the Twin Cities.

ONCE MORE THE SCHENECTADY CALL

The whoops about Schenectady have attracted the attention of H. E. Hoagland of Albany, who stands ready to put on the gloves in defending the electrical brothers. Bro. Hoagland says that when he wants a real evening he goes to Dort [code call for Schenectady] and visits with the Illini. "You ought to attend one of our Three I dances," he says. "Do you have an orchestra?" we inquire, but the letter ends there.

AN EXCELLENT TIME IN MEMPHIS

Down in Tennessee the Memphis club got together for a reunion and banquet on May 1. As almost all of the Illini in Memphis are engineers, the banquet had a decidedly technical smack. The menus were made of blue print paper tied with orange cord and decorated with orange stripes and a block I. The bill of fare and the Illinois songs were lettered on in white. We have not seen a more appropriate banquet score-card in a long time. The banquet and reunion was the first by the Memphis club, which was organized only last year. The

festivities were held in the Gayosco hotel. The menu consisted of shrimp cocktail, strained okra gumbo, croquette of halibut, boiled spring chicken, new peas, new potatoes in butter, fresh strawberries, ice cream, cake and coffee. The songs included Loyalty, Oskeewowwow, College Days, and Illinois Sunset Song. The Association lecture, A Half Hour at Illinois, together with the football movies, helped to entertain the Illini present.

An artistic bungalow was built by Illinois engineers for their own use during the construction of the Memphis bridge. The engineering staff in charge of the erection of the bridge is composed largely of Illinois men.

Those present at the banquet were:

D. M. Crawford, ex-'04	"Heavy" Twist, '11
E. S. Bonnell, '05	John Sullivan, ex-'12
Mrs. E. S. Bonnell '10	F. H. Holmes, ex-'11
M. B. Case, '06	John Clark, ex-'17
E. S. Pennebaker, '10	A. S. Fry, '13
V. B. Fredenhagen, '10	H. A. Wiersma, '13
John Buzick, '10	Jack Frazee, '11

THE ST. LOUIS MIDSUMMER POW-WOW

"The third annual midsummer pow-wow of the Illini club of St. Louis will be held Saturday afternoon and evening July 24, at Mannion's park," writes Secretary Buckingham. "The festivities start at two p. m. with a baseball game, Us vs. the Belleville club. The last game (in 1912) was called in the third inning with the East Siders leading by five runs.

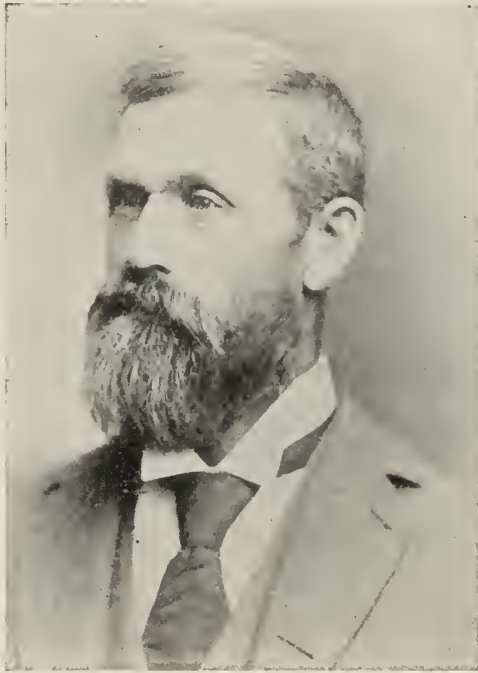
"Immediately after the game all Illini will adjourn to the swimming pool for a plunge. Supper and cabaret will be served in the *safé* at seven. [The word *keg* appears in big type in the announcement sent to Dean Clark.] The entertainment committee is trying to locate all the new arrivals in town. Red Willmore, Stokes Webb, Dean Chase, and Leo Mier are the men on the job.

"On July 12 our worthy president, Claude Rowland, was married to Miss McKinley of Unionville, Mo."

THE DIRECTORY IS ABOUT READY

The University of Illinois Directory is now practically ready for the printer. It will contain almost 35,000 names. All persons concerned who will have new addresses or occupations next September are requested to send in information now, that the latest possible address may be incorporated in the book and make it up to date.

(Haseltine), both '99, was born Jan. 29, 1849, at Raymond, O. He prepared for college in the Peru and Champaign public schools, and entered the University Mar. 9, 1868, the opening day. He registered in civil engineering, and was number 29 of the 57 who entered on that day. On June 7, 1871, he with six others was given a certificate, having completed a three-year course. The degree of



ISAAC STUART RAYMOND, '72

OBITUARY

ISAAC STUART RAYMOND, '72

Isaac Stuart Raymond, '72, trustee of the University from 1892 to 1898 and a resident of Champaign county since his fifteenth year, died on July 19 at his farm, Walnut Hills, south of Sidney at the age of 66. Mr. Raymond had been seriously ill for over a year, and his death was not unexpected.

Mr. Raymond, who was the father of John E. Raymond and Ruth Raymond

master of literature was conferred on him June 12, 1895.

After his graduation from the University's first class he began farming in Raymond township, Champaign co., where he had since lived. He was one of the first men in the county to see the importance of scientific agriculture, and was president of the Champaign county farmers' institute for twelve years. He was also interested in banking. He was president of the first national bank of

Philo six years, of the citizens' bank of Tolono five years, and was a stockholder in Champaign and Urbana banks. He belonged to the Masons, Patrons of Husbandry and the Sons of the Revolution. His interest in education aside from his service as University trustee is shown in his thirty-seven years as school trustee of Raymond township. He was always interested in the University and the alumni. It was a keen disappointment to him not to be able to attend the Gregory memorial exercises at the 1914 commencement.

On Oct. 27, 1875, Mr. Raymond married Edith Eaton at Philo. She and the two children, John E., '99, of Sidney, and Ruth (Haseltine), '99, of Aurora, survive him.

DICK CONNETT, EX-'74

Dick Connett, ex-'74, died on June 23, 1914, at Vale, Ore. He was a brother of Ella Connett (Babb), '88.

WILLIAM BUCKINGHAM, '77

William Buckingham, *me*, died on June 20, 1914, at Clifton, Ariz., after an illness of but a few hours. His home was in Los Angeles, Cal., where he had lived for many years.

Mr. Buckingham was born Apr. 25, 1855, at Mt. Vernon, O., and prepared for college in Chicago. He graduated from the University in '77, receiving a certificate. His bachelor degree in mechanical engineering was granted in 1895. He graduated from Union college in 1879, and practiced law in Chicago until 1885. Later he was with the Western electric co., and Siemens & Halske, and spent a year in Alaska. From 1898 up to 1912 he was with Fairbanks Morse & co. at Los Angeles, Cal. "He was a leader of men," writes J. G. Davenport of Fairbanks Morse & co., "a thorough salesman, scientific in the extreme."

Mr. Buckingham was married in 1891

to Cora Gordon at Evanston. She and one son, Thomas P., 21 years old, survive him.

MARTHA E. PAGE, (WHITHAM), '77

Martha E. Page, (Mrs. Robert F. Whitham) died on Apr. 20, 1915, at Olympia, Wash. She was the wife of Robert F. Whitham, '77, and sister of Emma Elizabeth Page, '78, who died in 1910, and of Mary Louisa Page, '78, also of Olympia. She was one of the founders of the W. C. T. U. in Washington state.

Martha E. Page was born Aug. 14, 1847, at Metamora, Ill., and attended the high school there. While in the University she was a member of Althenai. In the year of her graduation from the University in June she was married to Robert F. Whitham of the same class. They lived at Rankin 1877-79, and later in Wyoming. In 1890 they went to the state of Washington, where they had since resided. Their children are Paul P., of Seattle, born in '78; John D., 1880 (died in '99); C. F., of Alaska, born in '82; Ruth, of Seattle, 1887; Robert L., 1889.

FRANK ROBERT WILLIAMSON, '92

F. R. Williamson, '92, died at his home in Chicago on July 11. The funeral was on June 14 at the Auburn Park Methodist church, 75th st. and Harvard ave. Mr. Williamson was born in Hartford co. Md., in 1867. He prepared for college in the Southern Illinois normal school, and graduated in civil engineering from the University in 1892. He has for some time been assistant engineer of the sanitary district of Chicago. He was married in 1897 to Addie A. Martin. Two children are living, Frank Martin, born in 1901, and Edwin Paul, born in 1905.

Mr. Williamson had been living at 7346 Yale ave. Chicago. He had been considerably run down for a time, and

was confined to his room after June. On June 27 he was taken to the Ravenswood hospital and a week later had an operation for the removal of his tonsils. He continued to grow weaker until his death.

HORATIO WEBER BAKER, '01

Horatio W. Baker, '01, son of Prof. I. O. Baker, '74, and brother of Cecil F. Baker, '07, Imo Baker, (Bent), '05, and Ira W. Baker, '05, died on July 8 at San Francisco, Calif., after an operation for appendicitis. At the time of his death Mr. Baker was advertising manager of the *Mining and Scientific Press* and of *Western Engineering*, San Francisco.

Mr. Baker was born at Urbana July 9, 1879, attended the University Academy and graduated in civil engineering in 1901. During his student days he was manager of the *Technograph*, major in the corps of cadets, and was on the *Illio* board. After his graduation he worked as instrumentman on the D. L. & W. r. r., and later served as engineer in railroad construction and bridge engineer for the Indianapolis & Cincinnati traction co. He was assistant engineer on construction for the C. & N. W. r. r. in 1905; professor of civil engineering in the university of Nevada, 1905-'07; assistant engineer for the S. P. co., 1907-'08; and had been with the *Mining & Scientific Press* since that time. He was married in 1906 to Harriett Moulton of San Francisco.

ROY SHELDON PARKER, '03

Roy S. Parker died on June 21 at Flanagan, after an illness of several years. He was 33 years old. He was born May 1, 1882, on a farm near Toluca and was a student in the old academy before entering the University. He belonged to Beta Theta Pi and Phi Delta Phi.

Parker will be remembered for his

football and baseball playing on the University teams. He was baseball captain in 1903-'04. He not only achieved excellence in athletics, but in scholarship as well. He followed professional baseball a year after his graduation. In 1904-'05 he was a clerk for the H. J. Delvin coal co., and for four years following was an accountant with the Union Pacific r. r., also with the K. C. M. & O. r. r.

Five years ago his right knee began giving him trouble, and the ailment, which seemed to baffle his physician, gradually became worse. It was thought that the trouble arose from an old injury.

He is a brother of Lawrence G. Parker, '02, formerly instructor in civil engineering in the University and now with Marshall & Fox, architects, Chicago.

ESTELLA MCCARTHY (MEIER), '05

Estella McCarthy (Meier) died in April at her home in Michigan. She was the sister of Harry McCarthy, '02.

Estella McCarthy was born in Moline and prepared for college in the Moline high school. She belonged to Chi Omega and Phi Delta Psi. The year after her graduation she taught in the Trenton high school. Later she taught in the Mason City high school and at Alton.

MYLO LEE, EX-'07

Dr. Mylo Lee, ex-'07, son of Elisha Lee, '79, died on Dec. 13, 1914, at Monrovia, Calif. He graduated from the college of medicine in 1909, and had since that time been a physician in Chicago. He attended the Urbana departments from 1903 to 1905. In the college of medicine he belonged to Sigma Phi Epsilon and Alpha Omega Alpha, and was president of the senior class in '09.

Dr. Lee was born May 12, 1884. He was the brother of Mary H. Lee, '07, Charles B. Lee, '09, Otis H. Lee, '11,

Izora Lee, '14, and Ellena Lee, now a senior in the University.

IRENE BURRILL (DANSIE) EX-'10

Irene Burrill (Dansie) died on June 20 at Colorado Springs, Col., following the birth of twins the day before. She had lived in Colorado Springs since her marriage to Mr. Dansie.

Irene Burrill, daughter of Mr. and Mrs. Thomas Jonathan Burrill, was born at Urbana July 20, 1885. She attended the grade schools, the University academy and the school of music, doing special work in music for several years. She belonged to Alpha Chi Omega and the Trinity Methodist Episcopal church.

On Sept. 3 of last year she was married to Henry M. Dansie, a business man of Colorado Springs, Col., formerly of Liverpool, Eng.

Mrs. Dansie is survived by her infant twins, her husband, and her parents, Dr. and Mrs. Burrill. The funeral was held at the Burrill home in Urbana on June 24, Rev. J. C. Baker of the Trinity church officiating. Burial was in Woodlawn cemetery, Urbana.

HENRY BEST SHIPPY, EX-'12

Henry B. Shippy, *ag*, died at his home in Chicago on Apr. 20, at the age of 27. While at the University Mr. Shippy was

a student in agriculture, and belonged to the local chapter of Kappa Sigma. He was the son of former chief of police Shippy of Chicago, and won the Carnegie medal for saving his father from assassination.

AMANDA EMMA STAPEL, '12

Amanda Stapel died in Silver City, N. M., Aug. 10, 1914. She graduated in literature and arts in 1912. Her home was in Chicago.

ROE NIVER, '15

Roe Niver, who finished the work for his bachelor's degree in February and who was during the last semester registered in the graduate school, died at his home at North Fairfield, Ohio, on July 5. Mr. Niver was born at Havana, Ohio, on May 8, 1891, and was for one year before coming to the University a student of Ohio State university. During his undergraduate course at Illinois he did excellent work and was elected to Phi Beta Kappa last spring. He was a member of Pi Omicron and an officer in the University regiment. In May he was taken ill with pneumonia and remained in the hospital for some weeks. Shortly before commencement time he went to his home, but did not rally as was expected.

NEWS OF THE CLASSES

When you have a new address, position, wife, or child, notify the editor. Announcements sent to friends may reach the *QUARTERLY*, but probably will not. Mail your information direct, unless your class has a secretary; in any case please make sure that the *QUARTERLY* is kept in touch with you.

1872

C. W. Rolfe, 601 east John street, Champaign, Illinois, Secretary

Members of the class registering at commencement were: C. W. Rolfe, N. C. Ricker, M. B. Burwash, Cyrus Ruth-erford.

"What is the reason," asks George H. Lyman, president of the Lyman real

estate co., Ft. Smith, Ark., "that we do not see more notes of the class of '72?"

1873

Fred L. Hatch, Spring Grove, Illinois, Secretary

None of the '73s registered at commencement.

1874

Mrs. Alice Cheever Bryan, 612 West Church street, Champaign, Illinois, Secretary

Members of the class registering at commencement were C. W. Foster and I. O. Baker.

Dick Connett died on June 23, 1914, at Vale, Oregon. Ella Connett (Babb),

'88, is now in Oregon settling up the estate.

The board of trustees in session Apr. 21 adopted resolutions commending the long years of service to the University of Prof. I. O. Baker.

The secretary met with a serious accident July 1 when she fell down a cellar stairway onto a cement floor. Although she is doing as well as can be expected, a fractured hip and many bruises will keep her confined to her home for several weeks. Her home is now 612 W. Church st., Champaign.

1875

George R. Shawhan, 606 east Daniel street, Champaign, Illinois, Secretary

Members of the class registering at commencement were D. S. Brown, R. L. Brown, Edith Eaton Raymond, Henry M. Dunlap.

[The fortieth anniversary of the class was due this year, but nothing was done.]

A demonstration of power sprayers, cultivators and apple sorting machines was held on July 27 at the orchards of ex-Senator H. M. Dunlap, south of Champaign. Mr. Dunlap is the most extensive apple grower in Illinois. His apple crop this year is estimated at 20,000 barrels.

1876

Frank I. Mann, Gilman, Illinois, Secretary

The secretary was the only member of the class registering at commencement.

1877

Mrs. Emma Piatt Llewellyn, 334 Sixth avenue, LaGrange, Illinois, Secretary

Mrs. H. M. Dunlap was the only member of the class registering at commencement.

1878

Mrs. Mary Larned (Parsons), 803 south Central avenue, Chanute, Kansas, Secretary

Members of the class registering at commencement were S. A. Bullard, W. L. Williams and Manford Savage.

Frank H. Lloyd is in the real estate

and insurance business at Venice, Calif.

A memorial fountain (see the picture) has been erected by the W. C. T. U. in the capital park near the state house at Olympia, Wash., in memory of



Emma Page, who died in 1910. She was one of the most active W. C. T. U. workers in the state. While in the University Miss Page in spite of her blindness made exceedingly high grades in all her studies, and was highly regarded by her classmates.

Jean Mahan Plank had an article in the April number of the *Opera Magazine* on a choral peace jubilee. In the March number she had an article on music in Chicago. It will be remembered that Mrs. Plank was one of the first graduates in music from the University.

Martha E. Page (Whitham) died on Apr. 20 at Olympia, Wash.

1879

Judge W. N. Butler, Cairo, Illinois, Secretary

Members of the class registering at commencement were O. W. Hoit and Elisha Lee.

1880

The only member of '80 to register was Chas. W. Groves, former secretary.

The class now has no secretary. If members of the class will make suggestions, a secretary will be named.

1881

Mrs. Virginia Hammet Talbot, 1013 west California avenue, Urbana, Illinois, Secretary

A. N. Talbot, B. F. Peadro and J. O. Pearman registered at commencement.

One member of the class writes that if the news from '81 is wanted, read over the class list and add the word "working" after each living name.

A. B. Seymour, *sci*, continues his work in the cryptogamic herbarium of Harvard university. His oldest daughter, Mary, has been a graduate student at Radcliffe. His second daughter, Rosa, has finished the junior year at Radcliffe. She is especially strong in mathematics and English. His son, Frank, has finished the junior year at Harvard and has begun his third summer of service at the Gray herbarium where he is held in high esteem. His youngest daughter, an energetic girl, is a freshman at Simmons.

Bayard E. Beach, *la*, and Metta M. I. Macknet (Beach) visited Champaign in May. Their daughter, Dorothy, graduated from Wells college in June.

The popularity of James O. Pearman, *chem*, in his home town was evidenced by the large majority by which at the last election he was elected alderman of Mahomet, where he is a practising physician.

Ethan Philbrick, *ce*, continues to practice civil engineering in addition to carrying on his large fruit farm at Baldwin, Ga. His latest work is in connection with railroad location in the mountains of western North Carolina, where he is tackling a tunnel 7,000 feet long.

James E. Armstrong, *sci*, principal of the Englewood high school, Chicago,

disposed of a very large graduating class at the recent commencement.

Francis M. McKay was missing from commencement visitors for the first time in many years.

The secretary and her husband have attained the dignity of grandparents, a son having been born to Kenneth Hammet Talbot, '09, and Gertrude Phillips (Talbot) on June 7.

A. N. Talbot, professor of municipal and sanitary engineering in the University, and retiring president of the Alumni Association, received the honorary degree of doctor of science from the university of Pennsylvania in June. The degree was in recognition of Professor Talbot's contributions to the science of concrete work. To receive the degree he was obliged to be absent from the Illinois commencement exercises for the first time in twenty-nine years. Concerning the doctorate, the *Old Penn Weekly Review* says:

Arthur Newell Talbot—Master of engineering in its relations to railway, hydraulic and sanitary construction, eminent as a teacher of theoretical and applied mechanics, prolific and respected writer on these subjects.

Arthur Newell Talbot, who received the degree of doctor of science, was born in Illinois, October 21, 1857. He was graduated from the University of Illinois in 1881, as a civil engineer. From 1881 to 1885 he was engaged in maintenance and construction work on various railroads in the west, and in 1885 he returned to the University, of whose faculty he has been a member since that time. Since 1890 he has been professor of municipal and sanitary engineering and in charge of theoretical and applied mechanics.

Under Prof. Talbot's direction, the University of Illinois developed systematic laboratory work in strength of materials as early as 1890. From small beginnings the materials testing laboratory has grown to be one of the very best equipped college laboratories of the country. The most notable work of the laboratory has been the investigation of reinforced concrete. The results of Professor Talbot's tests of reinforced concrete beams, columns, footings and culvert pipe have been widely quoted in engineering literature in this country and abroad.

In addition to many articles on engineering materials and hydraulics, Professor Talbot has been a frequent contributor to engineering literature in other directions. His book on The Railway Transition Spiral has been used extensively, and the form of easement curve

described is probably the one most extensively adopted by railroads.

Prof. Talbot has also been instrumental in developing the hydraulic laboratory of the University of Illinois, one of the best equipped laboratories of the country. He is a member of a number of the leading engineering societies and has served on their boards of direction, having been director and vice-president of the American society of civil engineers, president of the American Society for the promotion of engineering education, vice-president of the American concrete institute, and director of the American railway engineering association. He has served on many important working committees of engineering societies. He is chairman of a joint committee of the American society of civil engineers and the American railway engineering association on stresses in railroad track, and is directing the important investigation on the action of the track from the rail to the road-bed, which is being undertaken by this committee. He is also an honorary member of the Concrete institute of Great Britain.

[This item has been slipped in without consultation with the class secretary.—Ed.]

1882

N. S. Spencer, 401 west University avenue, Champaign, Illinois, Secretary

Oora Andrews Griffith was the only member of '82 to register at commencement.

F. D. Rugg of Champaign is general field manager for the National life insurance co. of Chicago.

Frank B. Maltby is now chief engineer of the construction department of Zimmerman & Day of Philadelphia, 611 Chestnut st. Mr. Maltby had been assistant engineer with John F. Stevens on the Panama canal, and has been spoken of as one of the engineers for the Illinois deep waterway.

1883

Judge J. F. Going, 221 Fremont street, Chicago, Illinois, Secretary

Jessie Gardner was the only '83 to register at commencement.

A. A. Stevenson is vice president of the Standard steel works co., with office in the Morris bldg., Philadelphia. He is vice president of the American society for testing materials, and is one of the most active and influential members of its committee on standard specifications for steel, the committee which in reality

determines the requirements for steel and steel products used in manufacturing and structural work.

C. V. Brainard is at Nevasota.

1884

Miss Keturah E. Sim, 916 west Hill street, Urbana, Secretary

Members of '84 registering at commencement were: Alma E. Braucher, Lucia Moore, W. L. Abbott, Mrs. S. W. Parr, S. W. Parr, and the secretary Keturah E. Sim.

S. W. Stratton, director of the bureau of standards at Washington, D. C., was appointed on April 2 to serve on the advisory committee on aeronautics authorized by Congress for scientific study

1885

Miss Charlotte Switzer, 608 west Church street, Champaign, Secretary

None of the class registered at commencement, although a reunion was scheduled. Is '86 going to fall to Zero like this next year?

1886

S. F. Bullard, 3001 south 29th street, Tacoma, Washington, Secretary

Members of '86 registering at commencement were William Chitty, W. W. Maxwell, and C. E. Sargent.

C. E. Sargent, chief engineer of the Lyons Atlas co., motored over to Champaign with his family for commencement and to receive his degree of M.E. His daughter, Francelia P. Sargent, '18, returned home with them Thursday. Mr. Sargent, who is president of the Indianapolis alumni association, is the inventor of a tandem double-acting complete expansion gas engine. The first one ever constructed was presented by him to the University several years ago.

Walter A. Hill recently left the city of Mexico with his family and is now in Berkeley, Calif. His business interests which had taken many years to build up suffered greatly from the disturbed conditions in Mexico.

1887

Mrs. Angie Gayman Weston, 601 east Daniel street, Champaign, Illinois, Secretary

Members of '87 registering for commencement were: Ervin Dyer, Jennie Ter Bush Long and John I. Rinaker.

E. S. Johnson is at the head of the E. S. Johnson co., railroad contractors, St. Paul, Minn.

Edward I. Cantine, *cc*, is chief deputy to the state engineer of Oregon, and has been placed in charge of all high-work in the state.

1888

Miss Mary C. McLellan, 706 west Park avenue, Champaign, Illinois, Secretary

Members of '88 registering at commencement were: G. W. Myers, H. S. Grindley, Nathan G. Goodell, Nellie M. Lumley, and the secretary, Mary C. McLellan.

Effie Mathers Enlows was unable to be present commencement week owing to the interesting fact that her oldest son was graduating from the Mason City high school.

Warren R. Roberts was entered in the Chicago automobile club sociability run May 22 which was to tour Cook and Kane counties, ending at St. Charles. Mr. Roberts had planned to come to Champaign for the week's festivities but was unavoidably detained. They recently made a trip to California.

Nellie McLean Lumley has moved her family back to Chicago for the summer. They plan to go to Lake Geneva for August. Her eldest daughter, Arlene, was a graduate this year from the Urbana high school. She had a part in the class play.

The secretary attended the reunions, even though she was unable to start one herself. She enjoyed herself mightily, and thanks the class of '90 for their generous hospitality and for the greater part of her good time.

N. P. Goodell and wife attended commencement with their two daughters,

the elder of whom recently graduated from Dana hall, Wellesley, Mass.

Prof. George W. Myers of the university of Chicago actually was present at commencement and was the guest of honor of the class of '95. He delivered the principal address at the class dinner held at the Psi Upsilon house on Monday evening.

1889

Miss Amy Coffeen, 4369 Oakenwald ave., Chicago, Illinois, Secretary

Members of the class registering at commencement were: H. F. Kendall, Dr. Cleaves Bennett and A. L. Shriver.

Horace Dunaway is now living at Nashua, Minn., in order to be near some land interests in the western part of the state. He was disappointed in not being able to get back for the twenty-fifth reunion, but is already planning to be present at the one four years hence.

H. F. Kendall of Mattoon attended the alumni dinner and other festivities of commencement week.

L. S. Ross and family are spending the summer in Chicago, residing at 6017 Kimbark ave. Mr. Ross is continuing research work at the University which he began there last vacation.

Philip Steele has not risked a second trip to Mexico although the company of which he is a member still owns and operates its plant there with expectations of larger returns when the conditions are more settled.

1890

Thomas Arkle Clark, Urbana, Illinois, Secretary

Members of the trophy-winning class registered at commencement were:

T. A. Clark	F. H. Clark
E. S. Keene	C. H. Chapman
F. W. Waterman	Jessie Ellars Hackett
Will E. McKee	Katherine Kennard
R. J. Cooke	G. P. Clinton
H. W. McCandless	James Barr
W. M. Gilliland	J. M. White
M. E. Thomas	Frederick D. Vennum
F. D. Wilber	Anna Boyle Junkersfeld
L. F. Ter Bush	Eleanor Godfrey
E. Nesbit	John F. Fisher
Edith Kirkpatrick	

The class surely got as much out of commencement week as any of the others. All of the general alumni observances were attended in addition to the special exercises of the class. It was agreed that Clinton had changed the least. His hair is as red as ever. Keene, McCandless and Nesbit—the “three slick men,” were all present.

The trophy was awarded when it became evident that 45 per cent of the

spirited meeting of the class was held in the old chapel in University hall. Each '90 went in and took the seat he had occupied in the old days. The roll was then called in the old manner. The rumors have been persistent that the old building is to make way soon for a new structure. None of the classes has a greater love for the old building than '90 (unless it is '78, whose clock is in the west tower) and any indication that



SOME OF THE '90S AT COMMENCEMENT

class was back. Late comers brought the figures up to $47\frac{1}{2}$ per cent. The race with '95 was thrillingly close, the Hiles bunch missing a tie by a tenth of one per cent. A tight squeeze, but we have the prize.

On Monday afternoon we went to the Armory to be at the rained-in festival. There we served frappé, and invited some of the thirsty ones from other classes to sup with us. At 4 p. m. a

the old hall is to be razed would be sure to arouse apprehension. As it is about the only land-mark of the old days left, the earlier classes are all interested in its preservation. Robert F. Carr, '93, University trustee, was present and took part in the discussion.

It had been planned to have an outdoor picnic Monday evening, but the weather intervened. However, an excellent picnic supper was held on the

south veranda of the Woman's building immediately after the chapel conference. In addition to the '90s, several of the older members of the faculty were present. Dr. Burrill talked about the class tree, an oak in front of the Natural History building. The original tree had been cut down, but a sprout came up from the roots.

From the picnic, the class went to the Shattuck memorial exercises, at which the secretary was one of the speakers.

The class attended all of the doings Tuesday, and in the evening had a dinner at the Beardsley. President Keene was toastmaster. Toasts were had from Chapman, Nesbit, Gilliland, McKee and Frank Clark. Jessie Ellars Hackett read extracts from the class prophecy which she had prepared twenty-five years before. Some of the prophesies had come true; others had not.

On Wednesday evening the three days' frolic was closed by a meeting at the secretary's residence in Urbana from 4 to 6:30.

The secretary has sent to each member of the class who was not present at the reunion a letter giving an account of the exercises and one of the badges that was given to each one present on alumni day.

The secretary has also written to the '90s who came back, asking them what they thought of the reunions. Some of their replies follow.

"The reunion," wrote R. J. Cooke, "is something I would not have missed for a great deal. I think we ought to impress upon those who were not present the importance of preparing now for our next."

F. D. Vennum, president of the first national bank of Milford, says he heartily enjoyed the reunion. "I am heartily in favor of a return engagement," he says, "as often as the gate receipts will justify."

A. S. Chapman in his letter speaks not only of the value of the reunion to

the individual of '90, but also of the value to the University itself. He reminds us that one of the chief objections to a great university as against a small college is the lack of associations, of intimate acquaintances, at the big institutions; and that the reunion of classes goes far to remedy this alleged fault. "All of which goes to show," concludes Mr. Chapman, "that Illinois loyalty is more than an empty phrase. We get enough of the sordid things, anyway. Something like this that we can idealize and cherish is an inspiration that we can in some way pass on to others."

H. W. McCandless of the firm, H. W. McCandless & co., New York, reminds us of the fact that eight out of ten of the class in mechanical engineering '90s returned for the reunion. He says that the reunion "revived my enthusiasm for the University and for the class of '90 more than anything else could have done. I am strong for another reunion in 1920."

James Barr says that he enjoyed the reunions "away beyond any expectations. I am sorry that I did not make arrangements to stay a day or two longer."

"I enjoyed every minute I was there," writes Gilliland from Duluth, Minn., "and was sorry that I could not have stayed longer. The pleasure was far greater than I anticipated, and I would not have missed it for anything. I feel very very sorry for those who were absent."

"I carried away from our reunion many happy thoughts," says Jessie Ellars (Hackett). "What impressed me most were the changes made by Father Time—so great in some members of the class and so slight in others. Strange that he should sprinkle snow on some heads, snatch some bald, and pass by others. Then why does he puff some up and make them sleek and round, and leave others sharp and angular? It is rather startling to think what changes another twenty-five years may bring. Another thing that impressed me was, that so many of the class came back.

There must be a tie that binds stronger than I thought. The reunion will stay with me as a pleasant memory, and I find myself even now looking forward to the next one."

Fred W. Waterman of Lorain, O., "will cherish the reunion as one of the best times of my life. I rejoiced that I was one of '90. No class could have shown more successful men and women. Mrs. Waterman was delighted beyond measure with her trip. We have told all about it to the boys—future Illinois boys." Mr. Waterman adds that "the magnitude of the University was at first bewildering. Before our visit was over we began to have that feeling of ownership and pride which comes to one with a new and valuable possession."

"I had intended to write to you anyway to tell you how much the reunion meant to me," wrote A. S. Chapman in reply to the secretary's letter. "Of course we had a good time, a lot of fun, but it seems to me that it had a deeper significance—we were living our youth over again. To me one of the finest things about it was the manner in which the wives present entered into the spirit of the affair. The afternoon at your home was one of the most enjoyable of my life."

Hugh Hazelton and his family are spending the summer in Holderness, New Hampshire. He acknowledges the receipt of the class badge and says rather halfheartedly that perhaps he will get out to Champaign at the next reunion. Somebody with class spirit ought to get hold of Hugh and inject a little enthusiasm into him. He doesn't realize what a good time he would have if he would get away from New York for a few days.

S. D. Bawden is now located at Carali, Nellore district, India. In September, 1912, he returned, after having had an eighteen months' furlough, to his second term of seven years in India. Shortly after his return he was trans-

ferred from the work as superintendent of the industrial experiment station at Ongole to take charge of an important social and industrial project under the joint auspices of the missionary societies and the British government in South India in their attempt to reclaim the so-called Thief Caste. A reservation had been provided for the accommodation of several hundred men, women, and children of this caste, and the British government has made an appropriation of a small sum per capita for their partial maintenance. The object of the experiment is to train these people into suitable forms of activity, looking toward the development of habits of industry, self-respect, and self-support. Mr. Bawden's two children, Herbert aged 14, and Dorothea aged 11, were left in the Dane memorial home for missionary children in Granville, Ohio, where they expect to remain until the return of their father and mother in 1919.

C. H. Snyder writes that he was exceedingly sorry that at the last minute he had to postpone his trip to commencement to which he had been looking forward for many years. He says: "I shall certainly keep in mind the proposed meeting five years hence and shall endeavor to be on hand, if it is possible for me to do so."

John Beardsley and his family of Council Bluffs, Ia., spent the month of July in Champaign with his mother. John says that he is surely going to attend the next reunion of his class.

Camp sends his picture from Millville, N. J., where he has been conducting a series of meetings. He says he still continues to preach orthodox Christianity and to teach the Bible from cover to cover. He goes to Los Angeles for the end of July to begin another series of meetings. He expects to stay in Los Angeles for the rest of the summer, and he says he expects to see Fredrickson while he is there.

1891

Glenn M. Hobbs, A. Sch. of Correspondence,
58th street and Drexel avenue, Chicago,
Secretary

Members of the class registering at commencement were: J. N. Chester, Glenn M. Hobbs, Alice B. Clark, Anna Shattuck Palmer.

We have been hunting for a long time for an antitoxin for that pernicious bacillus *vergensencoccus* which seems to infest the human frame almost immediately after graduation. We think we have found it but the trouble with the treatment is that it first requires a journey, and we cannot always wake the patient up to the fact that he is in danger of being overcome by its disease. Once he travels to the old campus, breathes a few breaths of its academic atmosphere, bathes in its sunshine, chews a leaf from his own class tree, drinks—(Ha! Ha!, we got you Bill!!)—a little grape juice and puts on the coat of good fellowship, he becomes completely cured. The beneficial effects wear off after a while and the treatment should be renewed from time to time, preferably in June and November, but at least once a year in June. If we could persuade everybody to take this treatment we would not need any class secretaries. Everybody would be so completely cured that letters would automatically pour into the *Quarterly* mail bag and all Editor Scott would have to do would be to dump them into the proper alumni hopper and let the press grind them out. But the sad fact remains that everybody does not take the cure, and yet the encouraging aspect of it is that more come than formerly and some have formed the habit. Why, John Chester would rather lose a week's board than miss the alumni gathering, and there are many like him. Reuning is great business—get the habit. We are particularly anxious for '91 to become thoroughly inoculated by 1916; there was just a quartette of pilgrims this year—a mixed quartette, Alice, Anna, We and

John. We put ourselves third for we finally prevailed on John to let us sing the tenor part. At first he wanted to sing tenor himself for he rather felt above the bass but when we pointed out that by singing bass he would be at the head of the line, he felt better about it. Alice complained that they must have removed some of her low tones when they operated on her for appendicitis for she was not yet up to pitch. However, she confined her efforts to the natural key and surely seemed as good as ever. Anna Palmer we selected as the dramatic soprano for she has taken on flesh so rapidly during the last two years that she looks the part. In fact, we had to be introduced when we first saw her, but closer inspection showed that she was the same Anna, only more so.

If '90 ever had a hatchet out for '91 she has buried it deep for she invited the representatives of '91 to convene with her, dine with her, and enter into all her festivities. If John Chester ever had a thought of slipping eyewater into the old chapel during '90's anniversary chapel service, "as in days of old" he, being a gentleman, would have had to keep the bottle corked, out of respect for her hospitality. As a sample, look at these three shining representatives of the illustrious class, popularly known, at least among the '91ers as the "three slick men". Note the smile of fatherly benignity on the face of Keene and the almost angelic expression on Mac's countenance. May we also call attention to the splendid bay window on Nesbit's summer home; he is justly proud of it for he has been twenty-five years in building it—at least he hadn't any more than started the foundation when he left the "U".

Only one act of perfidy on the part of '90 should be noted and perhaps she was aided and abetted in this by Dr. Burrill himself. At the class supper, Dr. Burrill was hunting for an owner of a

certain class tree, which had once been cut down and thrown over into his own yard. The tree, refusing to die, had sprouted again and is now a lusty sentinel of the campus. He offered it to Alice and your secretary at fifty cents on the dollar and as it so typified the undying spirit of '91, we accepted it. Evidently Dr. Burrill must have thought Alice and we were part of the show for in a few minutes we heard Keene on behalf of the class, accepting the same tree as its very own. Gilliland

alumni gathering and pass on to our simpler reportorial duties, we would like to declare ourselves very much in favor of group reunions. With '90 and '95 reuniting at the same time we found more acquaintances among the alumni than four years ago at our 20th anniversary, all because of the overlapping reunions. The plan of having groups of four consecutive classes gather on the same year is certainly a good one. Us for it!!

Ed Clarke, on April 13, announced



"THE THREE SLICK MEN"

immediately remembered the very day and hour when he and Gus Hanssen cut their initials in its tender bark and the members of the class agreed to go over the following morning and shake its branches and put their union label on it. Never mind, '90, we will best or worst you yet. We will appoint a class committee to roam the campus in search of the tree in whose heart we planted "91" in letters of gold. Believe us, it's going to be the biggest tree on the place, too.

Before we leave the story of the

that he is now associated with Fred in Omaha. He had seen "Beck", Ed Orr and George Behrensmyer in Quincy before he left and they were all doing well.

We are rather pained to note from the May *Fortnightly* that two perfectly respectable members of '91 living in Kansas City had been led into gross exaggeration with a little episode with an auto tire and a coat. Later reports seem to confirm our speculations that the word coat was misspelled and some one instead got Harvey's "goat"—the kind that "goes around a butt'n".

On May 7, we heard from T. A. that Alice had just gone through an operation for appendicitis. When we saw her at the alumni gathering she was feeling fairly fit but not quite up to grade. Alice said later that if she had to have appendicitis she was glad it was this year and not next when we have our little silver blow-out. The Clark's have had their house fixed over and it is now named "Red Top" after its new red roof. It is very dainty and pretty inside and out and reflects the orderliness and good taste of its mistress.

We heard while in Champaign that Isabel Jones was in the hospital too. She was too ill to see anyone and Mabel was unable to make our '91 representation a quintette on account of Isabel's illness. We sincerely hope that she is well again.

We had a letter from our worthy president dated May 14 and while principally business, was written in his cheery style. He was still in Kansas City.

We had a letter some time ago from Charlie Young inviting us out to visit his family. We are going to surprise Charles one of these days by running out, minus the frau, however, as she and the children have eloped to California for a couple of months.

Braucher wrote us on the 18th of May when he passed the Round Robin on to Green. Braucher was anxious to prove that in the picture of the '90 band shown in the April *Quarterly* Klingelhoef should have been Carrick. We confess we don't remember, but Klingelhoef sounds more like a band man than does Carrick. Braucher thinks T. A. will have to settle it.

Hay is as laconic as his name and sends a post card announcing the passing of the Round Robin on to Maue at Joliet. He says, however, "Hope to see you in 1916", which ye secretary has noted as evidence of one more delegate to our peace convention.

We were afraid of that town of Joliet but we sent Maue a card every time we thought of it, and a card received this morning, the 8th, tells us that the period of the bird's incarceration has been cut down to the "drunk and disorderly" period, which is doing fine for Maue.

We received under date of June 12 a pictorial folder of Oklahoma City from JOHN FREDERICKSON. The fellow is certainly a regular "capitolist" for he has probably landed another contract for the State Capitol at Oklahoma City. We don't know how he does it but we believe he uses a hammer on the other contractors and "beats 'em to it". John is to be congratulated on his success.

We wish we had some more reports of class members but the mail doesn't run on Sundays and holidays and during the week they are too busy so this is all the hot air we have left. May you all have perfectly luscious vacations and return, restored in health and vigor, prepared to write your secretary every two weeks.

1892

Mrs. Cassandra Boggs Miller, 1103 west Illinois street, Urbana, Illinois, Secretary

Members of the class registering at commencement were: C. A. Kiler, Cassie Boggs Miller, E. E. Gulick, H. V. Woodworth, and George Huff.

Mrs. John M. Gregory, wife of the first president of the University, underwent in May an operation for acute appendicitis, and was in a critical condition. She is suffering now from neuritis. Mrs. Gregory and daughter, Dr. Allene Gregory, will move to Urbana in September. Miss Gregory has been appointed instructor in English in the University.

1893

E. C. Craig, Mattoon, Illinois, Secretary

Only two '93s registered at Commencement—Robert F. Carr and W. J. Fraser.

J. D. Burt, whose wife died on June 18 at Upper Montclair, N. J., has the sympathy of the class in his bereavement. M. Burt has three children, two boys and a girl. Edward S. Cole and Kate Parr Patton were among the alumni who attended the funeral.

R. W. Sharpe of Brooklyn, N. Y., has moved to 99 Woodruff ave.

Alexander L. Levy is an architect in Chicago, with an office in the Conway bldg., Washington and LaSalle sts. He "has two of the finest little men that exist,—namely, Alexander Jr., four years old, and Marcus W., five months old" (May 27). Mr. Levy says that for seven years after his graduation he taught drawing in the schools, at the same time continuing his study of architecture.

1894

Walter B. Riley, 702 west Clark street, Champaign, Illinois, Secretary

Members of the class who registered at commencement were:

George W. McCaskrin	A. L. Wilkinson
L. P. Boggs	Arthur W. Bush
Mrs. Louise Stayton	J. W. Kennedy
John McNutt	Charles F. Hottes
Albert Johannsen	Richard Dickinson
L. P. Atwood	Harry M. McCaskrin
Paul Chipman	B. B. Holston
Thomas Crawford	John C. Crawford
A. B. Foster	Walter B. Riley

H. H. Braucher was chairman of a meeting of the Kansas state manual arts association at Wichita Feb. 19 and 20.

F. L. Stone's address is now 2112 Spaulding ave., Chicago.

Dan C. Morrissey, owner with J. W. Stipes of the Illinois building in Champaign which burned last spring, has let the contract for a new structure, to cost \$155,000. It will occupy more ground than the old building, which was the largest in the city, and will be used chiefly for the department store of W. Lewis & Co. The remaining space will be used for offices.

1895

Elmer K. Hiles, 2511 Oliver building, Pittsburgh, Pennsylvania, Secretary

Members of the class that gave the 90's such a close run for the championship and who registered at the big doings, were:

Edith Fleming Burt	Mariana Green Steele
Marion E. Sparks	Daisy Scott Stevenson
S. F. Holtzman	J. E. Shepardson
E. K. Hiles	Hortense Call Barr
A. J. Sayers	W. G. Boon
Mrs. A. J. Sayers	Charles W. Noble
W. R. Morrison	H. B. Rowe
F. A. Beebe	W. N. Vance
F. E. Roberts, Jr.	Mrs. Marion Thompson Gratz
C. B. Burdick	J. C. Quade
V. A. Matteson	W. K. Yeakel
A. M. Long	H. W. Baum
Parker Hoag	G. P. Kennard
George A. Farrar	A. M. Munn
R. J. Ashley	J. B. Hammitt
Emery Stanford Hall	Charles Barry
E. J. Lake	F. S. Boggs
Bertha Spencer Miner	Mrs. Grace M. Cook
B. F. Stoltey	

At last we are home again, back from the "greatest class reunion Illinois ever saw". And what a joyous, happy affair it was! Your secretary recognizes his short-comings as a chronicler at the outset, as he does not know where to begin this record of our journeyings back into the Golden Age of our lives—may unnumbered blessings descend on the magi who let us live over again those happy days. We believe a proper chronicle should begin, "Once upon a time", so here goes:

Once upon a time there was a Class of '95, Illinois, and it exists still—that is not well phrased, as it never was still—for further testimony on this point readers are referred to anyone who was in Champaign, June 14-16, 1915.

On Saturday, Junkersfeld, Vance and your secretary arrived to coordinate the wonderfully efficient work of the local committee, headed by Prof. E. J. Lake, and of the Chicago committee, headed by Charlie Burdick. With great foresight Vance and Lake had leased the Psi U fraternity house, for use as our class headquarters. Before we reached there,

however, the first of a flood of telegrams was placed in our hands making final reservations for classmates already on the road. Among others was a message of regret sent Collect. This occasioned the first of a continuous succession of laughs which lasted all through the reunion.

On Sunday evening the happy throng began to register at headquarters and that night the first of a series of "experience meetings" was held. These were indeed very happy occasions. The girls of the class, including our new girls—the wives of the fellows—were in general housed adjacent to the Psi U house on E. Green st., and most of the men put up at the fraternity house which was presided over by one "Dutch" Walters, who graduated this year in architecture. We wish to express at this point the sincere thanks and appreciation voiced by every member and guest of the class to Mr. Walters for his untiring and very able efforts in our behalf. We were comfortable and felt very much at home, thanks to "Dutch".

On Monday morning we made our pilgrimage to old University hall. It seemed almost like entering the holy of holies to pass beneath the legend Learning and Labor and go down the old halls, again thronged with familiar faces, some in flesh and many more in spirit. While later on we were all amazed at the wonderful growth of the campus and the great new buildings which have been erected, yet none of these things impressed us as much or incited in our hearts as much love and loyalty to Illinois as the sacred precincts of old University hall. We first went into the chapel, and many old scenes were vividly recalled in stories told by various members of the class. The regent's office had its own memories, and across the hall we tried to recall the old library. Prof. Myers, who was the guest of honor of the class during our reunion, assembled the freshman class in

mathematics in his former room, and proceeded to put us through the third degree. As in the old days he flunked the majority of the class. We gathered in Prof. Brownlee's room again—

"Full well they laugh'd, with 'unrestrained' glee,

At all his jokes, for many a joke had he."

We all experienced keen disappointment in not having Prof. Brownlee with us. He had accepted our invitation, and all arrangements were well under way when an unfortunate illness compelled him, much to his sorrow, to give up the idea of helping us celebrate our Twentieth. Adelphic, Philo and Alethenai halls welcomed us. Alethenai has a rare collection of photos and the styles of dress, both gowns and hair, incited much interest.

It was while leaving University hall at noon time that we sprained an ankle, which accident gave rise to what Otto Goldschmidt termed, in a recent letter, "The Affair in the Wheeled Chair". [It is whispered that Hiles turned his ankle while trying to ride the bannisters as in days of old. For some reason the brakes didn't work—Ed.] We hobbled about with a cane until yesterday when Peter Junkersfeld spent a day with us in Pittsburgh. We made a rapid recovery in the morning but Peter defeated us 2 down at golf in the afternoon.

At the class dinner on Monday evening we seated 82 people. A number of members of the class of 1894 accepted our invitation to join us in our reunion fun, and they added much to the pleasure and happiness of the occasion. The dinner itself, which was served in the Psi U house was a great success. We were all disappointed in not having Sen. R. J. Barr, who was our freshman class president, with us as toastmaster. After making a few readjustments necessitated by his absence and reading letters of regret from Prof. Brownlee, Scott Williams and others together with a tele-



THE '95S ON THE 'FIRING' LINE



RESERVISTS OF '95

gram from Peter Junkersfeld, the after-dinner fun was started by awarding the following prizes:

For the Oldest Child—Howard Ashley,

For the Youngest Child—Edith Fleming Burt,

For the largest Family — Mariana Greene Steele,

For the Grayest Head—V. A. Matteson,

For the Baldest Head—L. P. Atwood, Least Change in Appearance—J. E. Shepardson,

Greatest Change in Appearance—A. B. Foster, and

Coming the Greatest Distance—H. W. Baum.

Prof. G. W. Myers, of the university of Chicago, formerly our professor in freshman mathematics, made the address of the evening. Good fun and humor characterized his opening remarks, but before closing he had delivered a message to everyone present and we hope later to publish it for the benefit of the absent ones, as the address is well worthy of preservation. We were glad to have you with us, "G. Wash"; you added much to the joys and happiness of our party, and here's hoping you will attend our Twenty-Fifth as the guest of the class again. We know you better now after those three happy days of intimacy, and though '88 may claim you *de jure* you belong to us *de facto*.

The lantern slides from old scenes about the University, various group pictures, etc., included some very clever cartoons which Peter Junkersfeld had made up for the occasion. They added much to the fun of the evening.

The following is a list of those who attended the class banquet.

R. J. Ashley	Mrs. Charles Barry
Mrs. R. J. Ashley	H. W. Baum
Howard Ashley	F. A. Beebe
Helen Ashley	W. G. Boon
L. P. Atwood	Mrs. W. G. Boon
Andrew Barr	L. A. Bower
Hortense Call Barr	R. A. Bower Jr.
Charles Barry	Mrs. R. A. Bower Jr.

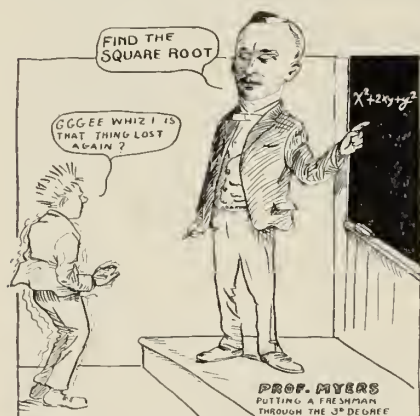
Charles B. Burdick	Mrs. W. R. Morrison
Mrs. Charles B. Burdick	D. C. Morrissey
Edith Fleming Burt	Mrs. D. C. Morrissey
A. W. Bush	A. M. Munn
Paul Chipman	George W. Myers
John C. Crawford	Charles W. Noble
Richard Dickinson	Mrs. Charles W. Noble
George A. Farrar	John C. Quade
Mrs. George A. Farrar	Walter B. Riley
A. B. Foster	Mrs. Walter B. Riley
Marion Thompson Gratz	F. E. Roberts Jr.
E. Stanford Hall	H. B. Rowe
J. B. Hammet	Mrs. H. B. Rowe
Mrs. J. B. Hammet	A. J. Sayers
Elmer K. Hiles	Mrs. A. J. Sayers
Parker H. Hoag	John E. Shepardson
B. B. Holston	Marion E. Sparks
S. F. Holtzman	Louise McCaskrin Stayton
Albert Johannsen	William L. Steele
Anna Boyle Junkersfeld	Mariana Green Steele
Perry G. Kennard	Daisy Scott Stevenson
J. W. Kennedy	B. F. Stoltey
Edward J. Lake	Mrs. B. F. Stoltey
Mrs. E. J. Lake	O. E. Strehlow
A. M. Long	Mrs. O. E. Strehlow
Geo. W. McCaskrin	Walter N. Vance
John McNutt	Mrs. W. N. Vance
V. A. Matteson	Ethel B. Vance
E. A. Miner	A. L. Wilkinson
Bertha Spencer Miner	Mrs. A. L. Wilkinson
W. R. Morrison	W. K. Yeakel
	Mrs. W. K. Yeakel

The most unfortunate feature of the entire reunion was Junkersfeld's absence. He was obliged to return to Chicago on account of the streetcar strike. Two years ago he joined in plans for this reunion, last year he entertained nearly twenty-five members of the class at a garden party in his home on which occasion we launched the movement which resulted in our twentieth, and it was certainly an irony of fate that he could not remain with us.

On Monday night after the dinner the second of the experience meetings was held in the Parson's room. The fellows who did not attend the reunion will never know until our Twenty-Fifth of the peculiar charm of these experience meetings, which were held just before bed-time each night. Everything under the sun from A to Z was discussed—except the War,—the old stories were told, the unwritten history of our freshman sociable related, the joys and happinesses that had entered our lives—and some of the sorrows—were spoken

of, the successes—and near successes—were related, and altogether they were one of the best parts of the best reunion ever held. Prof. Myers added much to these meetings, both with anecdote and contributions to the more serious conversation.

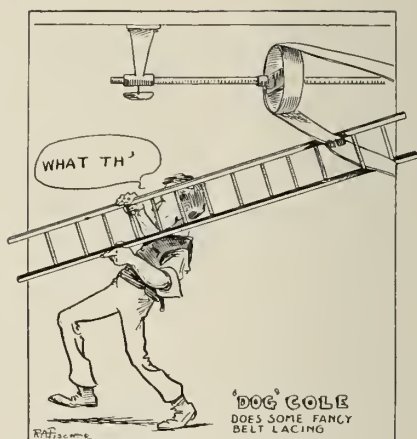
It does not lie in my power to tell all about the reunion. One thing very apparent, and it pleased me mightily, was to see how quickly the fellows got back on the old familiar terms of intimacy. The girls too had a very happy time. We were not informed as to whether their experience meetings lasted until 3 A. M. or not, but they had good times. We were all very proud of our '95 girls



A "FRESH" DEBACLE

—there were 7 of the 9 girls of the class present at the reunion. That is a fine record, and we surely love our sisters for their loyalty. The new girls of the class—the wives of the fellows—were immediately taken into full fellowship, and altogether I understand they had a perfectly lovely time; at any rate they were kind enough to tell the class secretary so.

We could fill an issue of the *Quarterly* telling of the doings on Tuesday and Wednesday, of the class golf tournament, of the automobile drives about the cities, of the alumni dinner, how we



A '94 ENTANGLEMENT

lost the trophy offered the class having the largest percentage of graduates back by one-tenth of one per cent (there were three graduates of our class who live in the Twin Cities who did not register, else we would have taken the trophy), of our class hats, of the commencement procession, of the old friends we saw, etc., etc. Walter Vance contrived in some way to get hold of a wheeled chair, and with John McNutt, Fred Beebe, John Shepherdson and others saw to it that we did not miss anything on account of our sprained ankle.

I shall close this recital of the "three happiest days we ever spent in Cham-



A '95 FEINT THAT FAILED

paign" with a letter recently received from Will Steele.

Sioux City, Iowa, June 21, 1915.

Dear Parson:

Mariana and I have just got back home today after a halcyon week, in which the shores of golden youth once more spread their fairy sands beneath our tootsies, in which old friends hovered with the sunshine of long-ago illuminating their faces, and all was well again. We knew that after all we were right—that the old days *were* golden, that poetry *is* the stuff which wears best, that the old friends are the real heroes, and the fountain of youth still casts aloft its silver spray. Hence—

Again we thank you, Parson rare,
For though the gray has snowed our hair

Our hearts are young and still beat high

With hopes born at the U. of I.
You had full faith that such was so,
And prophet-wise you bade us go
Back to the source of former joy,
And once more we were girl and boy.
Once more we graced the chapel bench
And sensed the Bone Yard's good old stench;

Adown the Arboretum spooned,
And on the campus sweetly mooned.
Old triumphs once more brought rich prize;

Defeats brought tearlets to our eyes.
'Twas worth the march of many miles
To live again the past, Good Hiles.
And may the future hold in store
The same keen vision as of yore,
Inspiring you to keep alive
The golden age of Ninety-Five!

Yours, still under the influence,

William L. Steele

Mary Hill, supervisor of art in the Champaign public schools during the regular school year, is teaching art in the summer session of the University.

Judge F. H. Boggs, circuit judge, has been appointed to fill a vacancy on the

appellate bench at Mt. Vernon. Judge Boggs was elected to his present position about a year ago.

The address of Godfrey Sperling is Long Beach, Cal., R. R. 2, Box 162.

W. J. Scott is now in Ft. Collins, Col.

A card from Jessie Barnes York, Eureka Springs, Ark., advises of her recovery from a serious illness regarding which her sister wrote some time ago. This is indeed good news for all of us.

John D. Neal writes from Ferriday, La., that he has had a fine job as jurymen on a murder trial.

R. J. Ashley writes from Tonica, Ill., where he is getting rich on a 220-acre farm. He has one son 16 years old in high school, and a daughter aged 10.

Mrs. Edith Fleming Burt writes: "Until about three years ago we lived in Salt Lake City and Denver, greatly enjoying the West. I can scarcely recall the happenings from 1895 to 1901, so comparatively unimportant they seem now. Since my marriage the years have been filled with the pleasures and duties of home keeping and the problems of raising children. I have made some enjoyable trips about this country, Panama, and Canada, taken at various times with my husband, H. J. Burt '96, which have added greatly to our pleasures. Here in Wilmette, we find an ideal home place suitable in every way for ourselves and the growing children, yet in touch with the city and close enough to the University to return often for a visit."

Albert R. Cooper writes from Pesotum, where he has been postmaster since 1910.

George A. Farrar is in the produce business in Champaign and writes on a letterhead displaying very attractively the wonderful melons, fruits and vegetables Champaign County is famous

for. He was on hand for the Big Reunion and enjoyed it greatly.

W. H. Grattan is located in Shawneetown, where he has been practicing medicine since 1899. He married Carolyn Busey of Urbana in 1908.

O. B. Mueller writes from Sarnia, Ont., Can., where he is president of the H. Mueller mfg. co. With his five brothers he has succeeded in the business world.

Bertha Pillsbury, Simmons college, Boston, Mass., says: "A conflict between commencement here at Simmons college and at Illinois, made it impossible for me to be present at the '95 Reunion. I would have liked immensely to have seen ninety-fivers, but I hope to read all their speeches in the *Quarterly*."

Myron J. Tarble is city engineer at Aurora.

C. J. Butterfield, Havana, Cuba, is temporarily located with Armour & co.

George H. Campbell is cashier of the Joy Bank at Joy, Ill.

Sherman Duffy, Chicago, is sporting editor of the *Chicago Journal*.

Will Kimball is apparently so busy at San Francisco that he depends on Mrs. Kimball to take care of his correspondence.

Robert Lackey is with the Dearborn hardware mfg. co., Chicago.

Daisy Scott Stevenson, Ames, Ia., speaks of building a new house.

Thos. W. Reely, Ft. Dodge, Ia., is an architect.

Scott Williams writes an interesting letter from Sterling, Ill., where he is in the newspaper business.

The class is already preparing for the 5-year reunion next year. Remember the old huzza:

Rah, Rah, Rah!

We're Up to Tricks;

We're the hot tamales

Of '96!

J. E. Pfeffer should now be addressed at 1507 Michigan ave., Chicago.

1897

O. L. Gearhart, 107 west Springfield avenue, Champaign, Illinois, Secretary

Members of the class registering at commencement were: Martha J. Kyle, Louie H. Smith, H. H. Hadsall, and Mae Raynor Rickard.

1898

D. R. Enochs, north Neil street, Champaign, Illinois, Secretary

Members of the class registering for commencement were: E. F. Nickoley, Delbert R. Enochs, A. R. Crathorne, Alive B. Frazey, A. R. Crathorne, L. Pearl House, and L. F. Wingard.

E. F. Nickoley and Emma Rhoads (Nickoley), '99, were given their master's degrees at commencement, the former in economics and the latter in English. In September they will return to their work at the Syria protestant college, Beirut, Syria.

L. F. Wingard, running on the citizens' independent ticket, was elected alderman from the fifth ward in Champaign April 20.

Wallace Craig should be addressed in care of the University of Maine, Orono.

W. W. Beach is living at Rapid City, S. D.

1896

Mrs. Sophia Leal Hays, Urbana, Illinois, Secretary

Those registering at commencement were: Theodore Weinshank, H. J. Burt, William L. Steele, O. E. Strehlow, D. H. Carnahan, and Mrs. O. E. Strehlow.

1899

L. D. Hall, 3823 Livingston street, Washington, D. C., Secretary

The four members of '99 who registered at commencement were: Lucile Booker (Watkins), Emma R. Jutton, Emma Rhoads (Nickoley), O. A. Leutwiler.

Florence Mary Smith was married on June 30 at Rio de Janeiro, Brazil, to Philip A. Conard, '01. They should be addressed after Aug. 1 at Montevideo, Uruguay, Avenida 18 de Julio 968. Mrs. Conard was an instructor in the University academy from 1904 to 1907.

Carl E. Sheldon is judge of the city court of Sterling.

1900

Mrs. Nellie McWilliams Enochs, 618 west Clark street, Champaign, Secretary

Members of the class registering at commencement were: G. R. Radley, A. B. Kirkpatrick, H. A. Soverhill, William J. Palmer, W. F. Woods, Nell McWilliams Enochs, A. D. Mulliken, H. R. Temple, A. L. Kuehn.

Not all of the '00 people on the campus commencement week registered. The reunion was much enjoyed by the people who came back. On account of the rain Monday the class was unable to make use of the tent which the secretary had had erected on the front campus. However, a good time was enjoyed anyhow in the new Armory, where the lawn festival was housed. On Tuesday evening at 7 the class dinner was given in a private dining-room at the hotel Beardsley. Twenty-four people attended this affair, which was one of the most enjoyable of all the commencement season doings. No formal speeches were made. Just a plain, informal good time was had. If it only hadn't rained and spoiled the lawn festival, the 1900 reunion would go down as a historical one. As it was, it was an occasion long to be remembered. The secretary used a round robin letter in getting the members to come back.

Adam Strohm of the Detroit public library lectured at an assembly of the library school May 12 at the University.

Minnie E. Sears should be addressed at 476 Fifth ave., New York.

The address of Mabel Shrum (Tilley) is now Medford, Ore.

1901

Frank W. Scott, Urbana, Illinois, Secretary

Those registering at commencement were: Chas. H. Chapman, Mary B. Davis, E. F. Bracken, Mrs. H. R. Temple, and the secretary.

No reunion was scheduled for the class this year. However the 15th anniversary celebration next year is going to be a big one. The secretary has a letter in the making which he will soon start going. With the cooperation of Horner et al. enthusiastic '01s the secretary hopes to give '91 and a few others a run for the trophy.

Philip A. Conard was married on June 30 at Rio de Janeiro, Brazil, to Florence Mary Smith, '99. They should be addressed after Aug. 1 at Avenida 18 de Julio 968, Montevideo, Uruguay. Mr. Conard, who is now in the foreign department, international committee of the Y. M. C. A., was general secretary of the Y. M. C. A. at the University for three years after his graduation. He was the originator of the post-exam jubilee.

A. D. Emmett's address is 431 W. 121st st., New York.

The observance of Flag Day by the Danville Elks at the Old Soldiers' home June 13 was given interest by an address, The Elks' Tribute to the Flag, by Walter C. Lindley. The address was adjudged by the Danville *Commercial-News* to be "the most commanding in interest, perhaps, of any feature of the afternoon . . . Mr. Lindley is rather a wonderful speaker." Mr. Lindley also spoke at the memorial services in Springhill cemetery on the same afternoon.

P. A. Smith of Fukui, Echizen, Japan, sends in his latest article on Japanese education, and asks for a review of it. The *Fukui Prefectural Educational Magazine* is the name of the

periodical, and the secretary read it through with considerable gusto. Where would one find, for instance, a more beautiful passage than the following:

私のこれから申上げるこの中には、すい分不適当なことも
きびしい批評もあります。よつこもわるいことも、感心した
方面も感心せぬ方面も、けふは是れを打明けてお話ししたい
と思ふ。よいことだけ、成心した方面だけ申上げると愉快に
お聞になるかも知れないが、それでは事實でありません。又
私の全詳見でもありません。聞いてもたのめになりません。
。又私の申上げることの

論

日本教育に對する感想

元廣島教師教授

ビー、エイ、スミス

多田義延譯述



Mr. Smith teaches in six different schools in the prefecture, and talks to the boys on ethics and morals. He has the official position of professor of English in three of the schools. As they stretch over a line of about 100 miles, his chair of English somewhat resembles a bench in a jitney. His regular mission work, however, takes most of his time.

Wesley King is vice president of the Bettilyon home builders' co., Salt Lake City, Utah, in addition to his other duties.

H. A. Gleason was married on June 9 at Fresno, Calif., to Eleanor Thea Mattei. They will live in Ann Arbor, Mich., where Mr. Gleason is professor of botany in the university of Michigan. He was formerly a member of the faculty of the botany department at the University.

Katherine Layton's address for the summer is Canton, 159 N. 3rd ave.

Byron W. Hicks is an engineer and contractor at Vulcan, Mich.

Frank G. Frost is at Lancaster, Pa., care of the Edison Electric co.

The secretary and Ethel Forbes

(Scott), '03, announce the birth of a son, Hugh Forbes, on July 9.

1902

H. F. Post, 1807 Harris trust building, Chicago, Illinois, Secretary

Members of '02 registering at commencement were: Harriet McCully Chapin, Nelle Perkins Chapman, Mary A. Rolfe, W. L. Bennett, L. A. Waterbury, E. C. English, and D. E. Yantis.

The address of the secretary is now Chicago, 1807 Harris trust bldg.

William Neil Dunning was married on May 1 at Chicago to Beatrice Marie Kennedy. They are living at 4716 Magnolia ave.

Elmer T. Ebersol, instructor in crop production in the college of agriculture, was given the degree of M.S. in agronomy in June.

J. P. Stewart is still an experimental pomologist for the Pennsylvania state college.

Frank L. Thompson is at 537 E. 34th st., Chicago.

The address of C. H. Kable is now 774 E. Main st., Portland, Ore.

M. D. Brundage should now be addressed at 1141 El Centro st., S. Pasadena, Calif.

F. L. Swanberg is with the D. T. Williams valve co., Cincinnati. His street address is 2207 Fulton ave.

1903

Mrs. Ethel Forbes Scott, 703 Michigan avenue, Urbana, Secretary

Members of 1903 registering at commencement were: H. W. Whitsitt, Robert R. Ward, Marjorie Holderman Schultz, Grace Kelley, Frances Simpson, Edna Hoff Allison, Lilian Heath, John J. Richey, Olive Chacey Kuehn, and L. H. Provine.

H. J. Quayle was married on July 7 to Mary Elizabeth Reed at Oakland, Calif. They will be at home in Riverside, Calif.

Roy S. Parker died on June 21 at Flanagan after suffering for several

years from an affection of the knee. He was 33 years old. Parker will be remembered as a noted football and baseball player, and as captain of the baseball team.

Dr. E. R. Hayhurst's address is now 2244 N. 4th st., Columbus, O. He is director of the division of occupational diseases for the Ohio state board of health.

Sophie Hyde was married on Mar. 5, to L. A. Hubachek. They are living at 507 Essex st., S. E., Minneapolis.

Jake Stahl, former manager of the Boston Red Sox, is now a banker, and has been for several years, but he still reads the sporting page. That is, he surely read it in the *Tribune* May 20, for his picture was there and some words besides. The prime mover was the South Side business men's baseball league, of which Jake is president, and which burst into bloom on that day with an automobile parade. The league has eight teams, one for each business section of the south side, and is backed by 7000 business men.

O. I. Harrington lives at 1475 W. 116th st., Cleveland, Ohio.

The secretary and Frank W. Scott, '01, announce the birth of a son, Hugh Forbes, on July 9.

1904

R. E. Schreiber, 1140 Otis bldg., Chicago, Secretary

Members of the class registering at commencement were: Rena A. Whitsitt, Charlotte Gibbs Baker, Ethel Ricker, C. F. Newcomb, W. F. M. Goss, Inez Rose Samson, and Helen E. Booker.

"I can't get along without the *Quarterly* and *Fortnightly Notes*", writes Mary M. Bevans from Oxnard, Calif.

Detroit, Mich., 1604 Kresge bldg., is the address of W. A. McKnight. He was formerly in Montevideo, Uruguay.

W. C. Ferguson is president of the

Ferguson segment block co., St. Louis, which manufactures a patented sewer block, and is enjoying a successful business.

O. L. Browder, *la*, *law*-'06, was re-elected mayor of Urbana on April 20.

S. T. Henry, *mse*, second vice-president of the McGraw publishing co., and formerly western editor of the *Engineering Record*, has been appointed by secretary of the treasury McAdoo to be a member of the committee of the Pan-American financial conference, which will have charge of the visits of American bankers and business men to Central and South American countries.

Louis B. King and Lou Wood, both of Champaign, were married on Apr. 27. They are living in Champaign, where Mr. King is in business as a cement contractor. Their address is west Park ave.

1905

Thomas D. Casserly, Chicago Plumbing & Heating Co., 3941 Evanston avenue, Chicago, Secretary

The class had no special reunion this year, although one was due. Members of the class registering at commencement were:

E. B. Wheeler	Frank A. Randall
F. K. W. Drury	Thomas D. Casserly
Imo Baker Bent	Clarence Roseberry
E. W. Wagenseil	Lela Barnard Garnett
Beulah V. Chesley	Marjorie G. Birkhoff
Sidney D. Morris	Clement H. Bell
Albert Triebel	Pearl Collins
W. A. Clark	Wharton Clay
Rose M. Mather	A. R. Warnock

[In the commencement section it was stated that the secretary of 1905 was not registered at commencement. That was an error, which we are glad at this point to correct.]

Rose Margaret Mather, who received her A.B. in '05, was given the degree of library science this year.

Ralph W. Elden should be addressed at Central Point, Ore.

Albert Triebel's address is now 113 E. Maplewood ave., Peoria.

1906

W. R. Robinson, 837 south Illinois street,
Springfield, Illinois, Secretary

Members of '06 who got back to commencement and registered at alumni headquarters were:

O. S. Watkins	W. A. Slater
Sabra E. Stevens	Paul E. Howe
A. F. Comstock	V. G. Musselman
C. T. McCully	Ola M. Wyeth
L. V. James	Leila Weilepp Mussel-
Lenore L. Latzer	man
Mary M. McIntyre	Mrs. P. S. Barto
Jennie A. Craig	P. S. Barto
Rosalie Parr	Henry Buellfield
Ella McIntyre	

R. H. Whipple has sent a donation to help out the financial enthusiasm. He is assistant engineer of the American gas co., West Washington square, Philadelphia.

N. R. Porterfield recently finished a \$35,000 highway bridge at Akron, Ohio. Address him in care of B. H. Davis, 17 Battery Place, New York.

E. O. Wagoner is located at 637 Insurance exchange, Chicago, and writes insurance in all its branches. He lives at 4258 W. Monroe st.

Douglas A. Graham is with Dabney Maury, the prominent engineer, with offices in the Monadnock block, Chicago. He lives at 4851 N. Albany ave., and has raised a beautiful moustache.

C. L. Archer of the Utah power & light co. should be addressed at 518 E. st., Salt Lake City.

L. V. Walcott has been appointed clerk to the mayor of East St. Louis. He has also been serving as assistant states attorney of St. Clair county.

E. J. Mehren writes from Broadway, N. J., Springhill farm, where he evidently whiles away the time in the intervals of editing the *Engineering Record*.

H. V. Swart, Harmon V. Swart rather, should be addressed at 136 E. 4th ave., Roselle, N. J.

Edward A. Porter's address is now Chilocco, Okla., care of the Chilocco Indian school.

Kathleen Roberts will again teach English next year in the Urbana high

school, where she has taught for several years.

L. E. Wilkinson is now at South Bend, Ind., Y. M. C. A. bldg.

1907

Thomas E. Gill, 521 Ashton building, Rockford, Illinois, Secretary

Members of '07 registering at commencement were: Townsend F. Dodd, Mrs. Imogene S. Shoults, Mrs. T. E. Saunders, John D. Ball, Ethel Bond, Roy A. Miller, Frances Feind Hursh, Mary H. Lee, Franklin G. Rogers, Belle Norton Laemmle, T. D. Yensen, G. H. Mullin.

H. B. Bushnell dropped in on the secretary in June while on duty as division engineer in the state highway department. He was inspecting a bridge over the historical Pecatonica. "Bush" is making good with the highway commission, and we may expect to hear good things from him.

R. T. Calloway is now acting as electrical engineer for the Electrical engineers' equipment co., 711 Meridian st., Chicago. More important, however, was the arrival of a daughter, Mildred Frances, in the Calloway home. The event of the year occurred at the Calloway home on March 4. You can find "R. T." at 3350 Gladys ave., Chicago, Illinois.

John A. Dailey is now assistant engineer of the bureau of streets, Chicago. His address is 2252 Monroe st.

D. E. Stultz is managing the branch office of E. R. Hallis & co., 1823 Montrose ave., Chicago.

L. R. Wilson took unto himself a wife June 27 at Lincoln. On that day he was married to Hester Cameron at her home in Lincoln. They may be found at Gibson City, where Mr. Wilson is in business.

S. H. Grauten was married to Yolande Marie Faure on July 1 at the church of the Immaculate Conception at New Orleans, La.

The secretary has not heard from Charlie Pillsbury since he and Eleanor Beardsley were married on the 29th of last October.

A. H. Burton is instructor in history in Washington high school, Portland, Ore. Since living in Oregon he has been admitted to the bar, but has not yet begun practice. His address is 587 E. Alder st.

H. C. Holmes is still in Peoria. He reports that there are many students in Peoria.

The secretary is in receipt of a letter from "Hunk" Austin and Sarah McCoy Austin. They are doing Cuba on their honeymoon trip. They are bound for Panama, and if the Mexicans don't get them they will go there and return. Hunk is planning on getting around in time for the 1917 reunion, but the secretary has his doubts whether he will be able to make it. They were having a swell time of it at last report and no one wishes them more happiness than the secretary.

F. R. McCullough was married last December to Mattie Carter Trumbell at Chicago. Mac is now located in Cincinnati, Ohio.

Stanley P. Farwell reported in February from Springfield, where he became located with the public utilities commission as chief of the service department. He was given his Ph.D. degree a year ago, after having enjoyed a fellowship in electrical engineering at Illinois. On January 1 he was married to Louise Austin, class of 1914, at Monmouth.

T. F. Dodd reports from the signal corps aviation school at San Diego, California, where he has been consistently breaking aviation records for long-distance flights and scout work. Henry Breckenridge, assistant secretary of war, has the following to say about Mr. Dodd's work:

The aviation work in our army is prosecuted under a handicap both of men and material. And I often tremble to think what

would be our deficiencies in this essential arm of the service in case of war. America was the pioneer in aviation. Now she occupies anything but a position of leadership. But this does not diminish what should be our sense of appreciation of the splendid work done by the small contingent of officers and men that constitute the army flying corps.

Particularly have I been impressed with the performance of Capt. Dodd in winning the Mackay trophy under the trying conditions that brought down every other machine and caused death to the gallant Gerstner.

Mr. Dodd was granted the professional degree of E.E. at commencement in June.

Sarah MacKay Austin writes from Buenos Aires, where she and "C. C." are stopping on their South American tour.

Belle Norton (Laemmle), secretary of the Alumnae association of Chicago, is interested in the production of an eight-reel picture, adapted from the Auber grand opera, now being staged on the site of the old Sans Souci park under the direction of Phillips Smalley and wife (Lois Weber). Carl Laemmle, president of the Universal co., has leased the park for some of the scenes. Mrs. Laemmle's little daughter, Rebecca Isabelle, shows talent both in verse making and in dancing, and will appear in the movies. Mrs. Laemmle attended the commencement exercises at the University, and says she enjoyed them.

"I now have my own home, and hope that I am permanently located," says Loyde Garrison, writing from Salt Lake City, Utah, 1557 Redondo ave.

Charles L. Pillsbury has been preparing plans and specifications for the mechanical equipment of the chemistry building of the university of Minnesota.

Alice Hazen Cass is the author of a new book, *Practical Programs for Women's Clubs*, published by McClurg.

Arthur N. Bennet was granted the degree of M.S. in chemistry by the University at commencement.

Carl C. Van Doren should be addressed during the summer at West Cornwall, Conn.

John D. Ball was granted a professional degree in electrical engineering at commencement.

Roger F. Little and Julia Bush (Little) of Champaign announce the birth of a son on May 5.

"Judge" Bagby, former secretary of the St. Louis Illini club, has moved to Detroit, Mich.

Charles Taylor Moss was married on June 14 at Chicago to Lillian K. Christoph. They are at home in Urbana, where Dr. Moss is a practising physician. He is a son of Prof. C. M. Moss of the University faculty, and graduated from the medical school of Northwestern in 1912. Mrs. Moss is the daughter of a prominent physician in Hyde Park.

1908

B. A. Strauch, 629 south Wright street, Champaign, Illinois, Secretary

Members of '08 registering at commencement were: Nellie M. Bredehoft, Marion Nichol, Winifred Perry, Jessie M. Toland, H. R. Stanford, Ralph K. Hursh, C. C. Logan, Florence Harrison, James H. Greene.

Mae Chapin is still teaching in a girls' school at Kiungchow, Hainan, China. Her letters are full of interest.

The residence address of H. L. Bushnell, structural engineer, is Rolling Bay, Wash., a little settlement on Bainbridge island, near Seattle. His office address is 424 New York block, Seattle.

W. W. Reece is engineer for the Krehbiel co., engineers and contractors, Chicago.

A. W. Homberger, A.M., Ph.D., '10, was married on July 14 at Bloomington to Iva Ward of Colfax. Dr. Homberger has for the last four years been director of the department of chemistry in the Illinois Wesleyan university at Bloomington.

D. L. Weatherhead is first assistant chemist for the department of food and drugs of the state of Tennessee. He

may be addressed at the Capitol annex, Nashville.

Winnina E. Brownson will teach zoology again next year in the Cedar Rapids, Ia., high school.

James H. Greene received the degree of M.S. in animal husbandry from the College of Agriculture in June.

Harold H. Dunn was granted the degree of M.S. in railway engineering and Raymond Pierce was given the professional degree of civil engineer by the University at commencement.

Edwina Abbott has for the last two years been teaching psychology in Newcomb college, the woman's college of Tulane university, New Orleans, La., but has resigned and will be married in the fall. Miss Abbott took her Ph.D. from the university of Chicago in 1913. Her present address is Lane, Kan.

Walter R. Moulton has changed his address in Baltimore, Md., to 1213 Linden ave.

S. S. Snyder's address in Danville is now 1201 Logan ave.

Nina Weinberg (Greenwood) should be addressed at Lodi, Cal.

1909

P. K. Johnson, Belleville, Illinois, Secretary

Members of '09 registering at commencement were: Mabel Bredehoft, D. O. Clark, W. H. Raynor, H. W. Stewart, Margie Linton, Florence Anderson, Madge Gundy, Elizabeth Kirk, Harriet Rinaker Howe, J. F. Roth, R. L. Rusk, Josephine E. Burns.

John T. Nuttall, A.M., a member of the faculty of Birmingham college, Ala., is taking work in the summer session of the University. He brought with him the baseball team of Birmingham college. The nine has had several games with the summer session nine and with teams of surrounding towns.

Mabel Gregory (Walker) is at Mo-weaqua for the summer.

Frank M. White is secretary-treasurer

of the American society of agricultural engineers, Madison, Wis.

J. Kennedy Kincaid is one of the proprietors of the Indian Point stock farm, Athens, Ill., R. F. D. 2.

Maurice S. Meeker and Mrs. Meeker announce the birth of a son on May 28. The youngster has been named William Maurice. Meeker is on a farm near Cropsey.

J. H. Baird is manager of the Kee-waydin farms, Gates Mills, O., near Cleveland.

M. K. Jordan is still in Kansas City, but not Kansas. Address him at 728 Hamilton terrace, Kansas City, Mo.

F. B. Nicodemus, who is teaching in Formosa, writes a long letter dated Apr. 3. He had been indulging in a spring vacation, and had rowed around the island and up into China on a looking tour. He speaks of the missionaries, who go about a-foot ringing scissors pedler bells and crying Lost, Lost. "The people come running out of their mud houses," says Nicodemus, "the children, pigs and chickens following, and want to know who's lost." The missionary then begins his services. China is described as a land of people who cut off fingers in their devotions and have limbs amputated without the formality of anesthetics.

Harold H. Mitchell received the degree of Ph.D. in chemistry at commencement. He is at present associate in chemistry in the University.

Rodney L. Bell received a professional degree in civil engineering and Percy M. Richards in electrical engineering at commencement.

Mary Fruin has completed her year's work in the Columbia college of expression, Chicago, and should be addressed for the present at El Paso. This summer she will appear at Chautauquas as a story-teller.

J. K. Foster's address is now Hill City, Idaho.

1910

L. R. Gulley, care of the Burr co., Champaign, Illinois, Secretary

The class of '10 had a good reunion. The secretary was assisted by H. D. Oberdorfer, Tom Bregger, Hazel Craig and Ethel Hollister Day. Those who registered at alumni headquarters were:

W. F. Schaller	W. S. Redhed
A. M. Perkins	A. E. Williams
Herbert Bebb	Olive B. Percival
O. E. Shirley	Lena Walworth Finken-
J. E. Whitechurch	binder
Florence L. White	Lilabel McKinney
Laura Pierce Cain	Goldie Kneberg
Paul Peine	Mrs. A. E. Williams
W. P. Kuhl	S. Standish
Charles M. Walker	Lola McClurg
H. D. Oberdorfer	Nina Gresham
W. G. Stromquist	William J. Putnam
Thomas Bregger	Annetta Stephens Shute
Hazel Craig	Lelah Brownfield
Ethel Hollister Day	George E. Morris

In response to a letter sent to the members of the class of 1910 there were twenty who attended the quinquennial reunion. Only by looking at the cut of the class and noting the happy faces can the absent ones realize the fun that the 1910s had. There was a very small percentage of replies to the letters sent out this year, but what was lacking in numbers was made up in enthusiasm. The 10s were the moving spirit of the alumni dinner and added ginger to the occasion by cheering the trophy class and consoling the runner-up, '95.

After the dinner the class amused themselves by playing drop the handkerchief and with an automobile ride around the city. They then called on the Class of '95 at the headquarters at the Psi Upsilon house. In the evening we gathered at the concert in front of the Woman's building. If there is any member of the class who thinks he did not miss anything by not being present, he is certainly mistaken, and under no circumstances should a single member who attended miss the next reunion.

Mr. and Mrs. E. B. Righter announce the birth of Janet Righter in June.

Mr. and Mrs. C. L. Harkness (Mabel Knight, '11) have changed their address in Louisville, Ky., to Birchwood and Long ave.

The address of H. F. Lindley has been changed to Cairo, 703 Commercial ave.

"I have two fine youngsters, a boy and a girl," writes David C. Patton of Troy, N. Y., "aged thirty and eighteen months, who same day will be loyal alumni just like their dad. The more I see of eastern universities, the more I believe in my Alma Mater."

Dan M. Rugg has just completed a half million coke and by-products plant

out, address him at 710 E. Front st., Bloomington.

I. J. Berkema's address for the summer is Onarga. He received his A.M. in June.

M. A. Berns was married on June 22 to Genevieve Francisco at Cleveland, O. Mr. Berns is editor of the *Triangle Review*, the official publication of Triangle, the civil engineering fraternity.

Elkan Turk is in the law office of Saul S. Meyers, 60 Wall st., New York.

A daughter, Lauretta Elizabeth, was born on Dec. 30, 1914, to Russell A. M. Anderson and Mrs. Anderson.



SOME OF THE '10S AT COMMENCEMENT

at Chattanooga, Tenn., for the American coal and by-products co. His address is the James bldg., Chattanooga.

V. B. Fredenhagen and Marjorie Hamilton were married on May 24 at Wynne, Ark. He is with the Morgan engineering co., Memphis, Tenn.

Robert E. Brown has been granted a fellowship in public health in the university of Michigan for next year.

R. N. McCord's envelope has on the back a diagram of "McCord's Addition to Normal," consisting of twenty-six building lots. If you want to buy him

Nina Gresham will teach again next year in the Mattoon high school.

"I hear very little of the University in this section of the country," writes Earle W. Martin from Wellington, Kan.

W. E. Ekblaw in a long letter from Etah, North Greenland, renews old times. Ek and Tanquary received three issues of the *Quarterly*, and from all indications the literature was pretty thoroughly read. The letter is dated Nov. 4, 1914, and seems to have come down by way of Sweden. Ek mentions starting it on a dog sledge for Upemivik early in December from Rasmussen's

station in North Star bay. At that time the sun had been gone for two weeks, and the flush in the south did not give enough light by which to aim a rifle at noon, but "it is full moon," Elmer goes on, "and the night is gloriously lighted, but ye gods how dark it is when the clouds hide the stars. The twilight is weird, shadowless, spectral, mysterious. It makes one feel as if he were in a land of ghosts. It is impossible to walk by twilight, for in the uniform grayness we can distinguish neither elevations nor depressions. We shall be back to civilization next fall, I guess—in time for Homecoming, I hope. Please give my sincerest regards to any of my friends whom you meet."

George Rutledge was granted the degree of Ph.D. in mathematics at commencement.

Ernest D. Walker, who is with his father in the farming business near Tennessee, Ill., says he would feel completely lost without the *Notes* and the *Quarterly*, "the arrival of which," says Ernest Dewitt [who used to square the hypotenuse in Quinter Snider's geometry class] is an event to be looked forward to." Walker also speaks of another arrival, Ernest Warren Walker, on June 13, "who kept me away from my first quinquennial reunion."

Robert M. Turner received his master's degree in electrical engineering and Seymour Standish the professional degree of civil engineer from the University at commencement.

Minnie J. Bollman, Margaret M. Herdman and Fanny W. Hill, all of whom received their A.B. with the class, received their degree in library science this year.

D. A. Pierce, employed by the Public service co. of northern Illinois, should now be addressed at 305 Willow ave., Joliet.

Walter F. Kunz is now living at 1445 Farragut ave., Chicago.

George Onken was married last summer and is still farming on the home place near Gibson City.

A. J. Shklofsky's address is now 3131 Douglas blvd., Chicago.

1911

Ruth M. Burns, Macomb, Illinois, Secretary
Members of the class registering at commencement were:

Bertha S. Baird	Rose Smith
H. K. Humphrey	Rose Graham Fleming
Mayne S. Mason	Pauline T. Groves
Edward Kircher	Rose G. Fleming
Jessie McHarry	C. A. Petry
F. S. Bauer	June Lindley Churchill
J. C. Rundles	Robert M. Dunlap
Fred H. Whittum	Ethel Gwinn
Mary Hopkins	Ruth M. Burns

Grace Challand was married to Charles W. Pollock June 16, 1915. Their present address is Natalie Apt., 179 Henry st., Detroit, Mich.

Born to William H. Almy, *ce*, and Florence Baird (Almy) on Apr. 28, a daughter, Lois. Mr. Almy expects to return again next year to Harvey, where he is instructor of manual training in the high school.

J. C. Rundles, *ag*, has returned from the Philippine islands, where he has been a teacher in the government's employ for the past four years.

Helen James, daughter of President James, was married on June 9 to George E. Frazer, formerly comptroller of the University and professor of public accounting. Rev. James C. Baker performed the ceremony. After a reception Mr. and Mrs. Frazer went to their new home in Evanston, 1101 Davis st. In August they will make a trip to the Panama-Pacific exposition. Mr. Frazer is assistant treasurer of Montgomery Ward & co., Chicago.

Pauline Groves, *la*, sends greetings from Manhattan, Kan., where for the past year she has been general secretary for the Y. W. C. A. in the Kansas state agricultural college. During the summer of 1914 she took a preparatory

course at the National training school in New York. So thoroughly has she enjoyed her work the past year she intends to return to the sunflower state for the coming year. An Illinois colony is assembled at Manhattan, including in its members Nelle McClurg, '12, Dr. J. E. Ackert and Florence (Tanner) Ackert. An Illinois "hike" was planned for late this spring, and two good gatherings were held during the winter.

Myrtle Trowbridge, *la*, who since graduation has been principal of the high school at Green Valley, has succeeded in placing the school on the accredited list. She expects to devote next year to further study in Wisconsin.

E. A. Kircher, *la*, Ph.D., '13, has been appointed to one of the two Benjamin Pierce instructorships at Harvard.

At commencement this June degrees were conferred upon the following members of the class of 1911: Miriam Gerlach, *la*, A.M.; Oliver Kamm, *chem*, Ph.D.

The engagement of T. E. Lyons and Eula Armstrong of Arcola has been announced. Mr. Lyons is at present in the law office of Dobbins & Dobbins, Champaign. Miss Armstrong has attended Ferry hall, Knox college, and the Simmons school, and is a member of Pi Beta Phi.

L. M. Wakeley has been elected secretary of the McHenry county Holstein breeders' club. He is still on the Maple Lawn farm, Harvard, and specializes in Holstein-Friesian cattle.

R. M. Langdon is no longer with Butler Bros., but is now secretary to the superintendent of the committee of fifteen of Chicago.

"I want to add a word of appreciation for your interesting work," writes Walter C. Barnes. "If possible, change the *Fortnightly* to a weekly. That would be just the thing." The address of Mr. Barnes has been changed to 2913 Michigan ave., Chicago.

Ida B. Davis of Salem, Ore., is spending the summer in Champaign.

H. K. Humphrey may be addressed in care of the Rice institute, Houston, Tex.

G. H. Mueller has moved from Chicago to Carlinville.

"What about Karl G. Karsten, of Columbia university, president of the Collegiate anti-military league", inquires *Life*. "He seems to be spending time and somebody's money to keep our people in as helpless a condition as possible. His name is as you see, and his voice and manner also seem German. Is Karl, too, on the Kaiser's payroll?"

Ethel Drummond (Chase) and Frank M. Chase, ex-'12, of Chicago, announce the birth of a son, Frank Reynolds, on June 9.

L. L. Little, who graduated in June from the Pulitzer school of journalism of Columbia university, sailed from New York June 26 for Nish, Serbia, as a member of a relief expedition sent out by the Serbian agricultural society, the Serbian American league and by individual Serbians in this country. Mr. Little goes as a representative of the New York *Tribune* and *Post*, and is one of a party of twenty-five students from Columbia. They will distribute sanitary supplies, food, and seeds among the residents of the northern part of Serbia, which has been devastated by the war. They also intend to help in getting Serbs from the northern part of Serbia who were driven out last summer and have since been living in the cities and mountainous districts, to go back to their homes. All members of the party have been supplied with Ford automobiles, and have all been treated with antitoxin for typhus and have been vaccinated for smallpox. They are taking cooking and laundry utensils and everything else necessary for sanitation. Mr. Little's address is Nish, Serbia, care of the American Red Cross.

G. C. Ehr Gott, proprietor of "Kandy's", a barber shop in the student district known to thousands of alumni, was married on June 25 at Champaign to Loretta Campbell. They have gone on a two-months' trip to California. They will be at home in Champaign after Oct. 15.

J. A. Scanlan should now be addressed at East Cedar Rapids, Ia., 1013 A ave. He was married June 16 to Carrie Luella Schneider at Chicago.

Born to Mr. and Mrs. Judson E. Harriss on Mar. 25 at Du Quoin a son, Judson Emery Harriss.

William A. Albrecht now has three degrees: A.B., '11; B.S., '14, and M.S., '15. Quite a degree of degrees.

H. M. Railsback's address is Moline, care of Deere and co.

W. A. Wallace is with the American steel foundries, Chicago, 1163 McCormick bldg.

H. K. Humphrey is in the Rice institute, Houston, Tex.

Mary L. Waddell and Warren A. Ruth were married on June 25 at Princeton.

A. Epstein has changed his address to 671 W. 14th st., Chicago.

Arthur F. Peine, A.M., who last year was instructor in history in Wayland academy, Beaver Dam, Wis., will teach next year in Fairmount college, Wichita, Kan.

F. William Wascher was married on June 24 at Maroa to Eugenia Leiter. They are spending the summer in Quincy, where Mr. Wascher is in charge of a soil survey party for Adams county. He is first assistant in soil physics in the college of agriculture experiment station.

Eva McIntyre (Gauger) and Paul C. Gauger, '13, announce the birth of Paul Charles Jr. on Apr. 23. Paul says that P. C. Jr. is quite a boy.

1912

Mildred V. Talbot, 1013 west California avenue, Urbana, Illinois, Secretary

Members of the class registering at commencement were:

William Meyer	Wilma Ponder
H. L. Cheney	Carrie I. Needham
R. A. Soto	Georgia E. Fleming
Florence Grabbe	Byne F. Goodman
Myrtle A. Renz	C. I. Newlin
W. A. Strong	A. C. Hanford
J. Edson Millizen	Vincent H. Todd
Rosa-Lee Gaut	Liesette McHarry
Augusta Bond	Harry Kerker
Georgia E. Fleming	Carl Stephens
Mildred Talbot	Clara Brooks Bennitt

A reunion was scheduled this year for the class, and a fairly good one was held, although no formal gatherings aside from the general meetings attended by all the alumni were planned. The secretary prepared a supply of class badges, which were given out to members as they registered.

The secretary has for the last few weeks been at work preparing and mailing out questionnaire postcards to all members of the class in order to get the records into the best shape and to try and arouse more class spirit. Members of '12 living in Urbana-Champaign led by Paul B. Fritchey met at the home of the secretary in Urbana on June 21, and laid plans for a more vigorous class organization. It was decided to have a picnic July 17 at Crystal lake park, Urbana, and invite as many out-of-town alumni as possible to attend the festivities. Those present at the meeting were Paul B. Fritchey, Floyd W. Mohlman, George Wright, Mrs. Wright, Bernice Harrison, Augusta Bond, John McQuaid, C. I. Newlin, Carrie Needham, Byne Goodman, Mabel L. Miller, Wilma Ponder, and Carl Stephens.

Some interesting statistics of the class were presented. Of the 525 members, only one has died. Fifteen have married, and six children have been born.

Answers to the questionnaire postcards have been coming in well, over 100 having been received in four days. Twenty-two members of the class at-

tended the picnic Saturday afternoon, July 17, at Urbana, and report an enjoyable time. The girls served an excellent dinner, a camp-fire meeting was enjoyed and the answers that the secretary had received to the questionnaire card were reveiwed. Some discussion of arrangements for homecoming next fall was had. Altogether it was a good picnic, and those who attended are looking forward to the time when another can be given.

W. B. Worsham, usually known as Red, writes from Paris, Ill. He is manager for the A. L. Schaeffer book store. He wants to know why post-cards and picnics were not forthcoming before, and is glad that he does not have to say "I'm sorry, but my wife won't let me come".

E. J. Rossback, 1127-705 Olive st., St. Louis, a sales engineer, writes: "I get into Texas, Louisiana, Arkansas, Oklahoma, Kansas, and Missouri and occasionally "reunion with some Illini".

M. J. Eames is a chiropractic physician at 4426 N. Racine ave., Chicago.

Viola Fraser has the position of loan assistant in the University library.

Arthur C. Kelley, 3611 Flournoy st., Chicago, is a correspondent for Sears, Roebuck & co.

Donald K. Groves, 6223 Evans ave., Chicago, is a manufacturers' agent.

Frances Kirkwood of Lawrenceville is now in California attending the Alpha Chi Omega convention. Next fall she will teach in a settlement school in Birmingham, Ala.

Robert G. Young writes from 930 Lake st., Oak Park, that he is an efficiency engineer in the Public service co., Chicago. On Dec. 30, 1914, he married Marguerite A. Glendinning at Austin.

Wilfred M. Doherty is an attorney in Chicago; his address is 518 Home institute bldg.

L. L. Powell sends thanks to the class members in the twin cities for the trou-

ble and expense of sending out the cards. He is in the engineering department of the Illinois Central r. r.; his address is 5650 Kenwood ave., Chicago.

Among the members of the class who have adopted the profession of law are Lynn C. Sieberns, 337 Woolner bldg., Peoria; Lloyd G. Williams, 16 Chicago st., Elgin; and E. V. Champion, 207 W. McClure ave., Chicago, Ill.

Charles E. De Leuw of 111 W. Monroe st., Chicago, is an engineer with Ewing & Allen.

Walter V. Turner is technical editor of the *Gas Record*. His business address is 347 Monadnock bldg., Chicago; home address, 553 Sherman ave., Evanston.

Katharine Lewis, who finished her library course this year, is now librarian in the department of health, Chicago. Her address is 4426 Lake Park ave.

Nelle McClurg, who is an instructor in domestic science in the Kansas state agricultural college, is spending the summer at her home, 108 E. High st., Urbana.

Robert J. Quinn, 8553 Carpenter st., Chicago, is assistant chemist for Morris & co.

The address of Evangeline E. Groves is 501 E. Green st., Champaign.

Victor R. Sladek writes from 1486 Continental and commercial bank bldg., Chicago, that he is salesman for the American steel & wire co.

Arthur L. Israel, 3209 W. Harrison st., is assistant engineering chemist for the city of Chicago.

Mary C. Barry has completed her second year as teacher of English in the Champaign high school.

James H. Hewitt is a contracting engineer at 126 Collinsville ave., East St. Louis.

R. R. Clarke from 1247 Webb rd., Lakewood, O., gives his position as service engineer for the Wagner electric co. He married E. A. Schreiber Nov. 12, 1914, at Elmhurst.

Clara Sinclair, 4949 Indiana ave., Chicago, is teaching in the Chicago training school.

Charlotte Mattoon (Smith), whose address is 42 Johnson st. Ansonia, Conn., gives her occupation as house-keeping. She was married in July, 1912, to Stewart T. Smith.

Theodore A. Baumann is a physician at Cherry Valley.

Some of the farmers of the class are S. E. Gregg, Rantoul; C. M. Stitzel, Nelson; and A. E. Burwash, Savoy.

E. V. Kratz, 315 S. State st., Champaign, is an architectural engineer.

Chester Schenck, 146 Martin st., Milwaukee, Wis., is with the T. M. E. R. & L. co. as draughtsman.

C. W. Beall is a credit manager in Alton. His address is 1830 Liberty st. He has twin babies, a boy and a girl, born October 5, 1914.

For the school year 1915-'16 Liesette McHarry of Rantoul will teach in the high school of Elmwood.

Myrtle Renz, 708 S. Third st., Champaign, is order assistant in the University library.

Miss Ivaloo Genung is assistant postmaster at Rantoul.

R. G. Real, attorney-at-law in Mattoon married Myrtle Bowers at Urbana on May 18.

Nelle M. Signor, 501 W. Green st., Urbana, is a cataloger in the University library.

J. V. Stevenson, who is farming near Streator, says that he is too busy now to get away for anything.

Philip Dunton is superintendent of a water and light plant at Ponca City, Okla.

L. M. Matthews writes that he is a bank cashier in McClure, Ill.

Mary A. Haan, who teaches in the high school of Monticello, is now at her home, 344 Marion ave., Aurora.

Oscar E. Bulkeley is assistant superintendent and engineer of the water department of Rockford.

Collett E. Woolman of 909 W. Oregon st., Urbana, is an agricultural agent.

I. P. De Mott is dealing in real estate and real estate loans at Crookston, Minn.

Nellie Mourning (Hedgcock) lives at Albert Lea, Minn.

Harry O. Saunders of 825 S. Glenwood ave., Springfield, is a toll plans engineer.

The address of Frederic L. Morgan is Chesterfield apts., Louisville, Ky. He is a designer for the board of education.

W. A. Shirk of Murdock is planning to take up studies for a surgical career.

Charles Gordon is engineer in the equipment department of the Chicago surface lines. His address is 5435 Augusta st., Chicago.

Assistant professor of soils in the University of Missouri, Columbus, Mo., is the position of Robert R. Hudelson.

More farmers in the class are Hugh H. Tolman of 1107 Corning st., Red Oak, Iowa; Fred Sweitzer, Morton, Tazewell Co., Ill.; H. B. Hull, Saunemin.

Grace Robinson has taught for two years in the Illiopolis high school. Next fall she will be in charge of English and public speaking at Roswell, N. Mex.

The address of Grace A. Rust after Sept. 10 will be 905 E. Walnut st., Washington, Ind. She is spending the summer at Bay View, Mich.

Louise Jenner, who teaches household science in the Evansville, Ind., high school, is in the west for the summer.

Alice Biester, who had been an instructor of home economics at Purdue, will be in the same department next year of the university of Minnesota, St. Paul.

H. E. Montgomery of Beardstown is superintendent of the Central Illinois public service co. He is married, and has a daughter.

The business address of Gregory

Vigeant Jr. is 175 W. Jackson blvd., Chicago.

Harvey F. Jahn of 1615 W. 104th place, Chicago, is inspector for the C. B. & Q. r. r.

L. M. Russell of 3634 Michigan ave. is in the advertising department of the Chicago *Daily News*.

Lillian G. Noth is at her home, 738 E. 14 S. E., Davenport, Ia.

Aubrey D. Spence is in the general insurance business at Camp Point.

Louis A. Tohill has been for three years the principal of the township high school at Ridge Farm.

Some of the class engineers are Egbert J. Hasselquist, 3427-9½ ave., Rock Island, draftsman; C. N. Kell, Centralia, machine shop dispatcher; I. B. Stiefel, 600 Mulberry st., Wilkesburg, Pa., Westinghouse electrical and manufacturing co.; J. W. Stokes, 510 Dwight bldg., Kansas City, Mo., engineering dept., General electric co.; J. R. Colville, 242 Strathmore ave., Cleveland.

W. P. Witt is assistant cashier at the Kane trust and savings bank.

Emma Krause of 701 Locust st., Sterling, will teach German in the high school next year.

Irene Funk (Royce) lives at Naperville.

L. E. Dallenbach is farming near Champaign.

Frank E. Gooding, 4618 Kenmore ave., Chicago, is on the editorial staff of the *Factory Magazine*.

Ben S. Pfeiffer is a consulting engineer at 1108 N. Madison, Peoria.

Homer Hall's address is Manhattan, Kan.

After Sept. 1, Bernice Harrison of 707 W. Hill st., Champaign, will teach at Mt. Carmel.

Carrie I. Needham lives at 1210 W. University ave., Urbana.

J. J. Mojonnier, 603 East ave., Oak Park, is an inventive chemist. His daughter Elizabeth is two years old.

H. M. Butters, 4343 Van Buren st., Chicago, is with the A. W. Johns-Manville co.

Dana H. Stevenson writes that he is proprietor of "Fertile Acres", Elvaston. He was married May 15, 1915, to E. Laura O'Harra, Northwestern university, '13.

Ben Gest is an architectural engineer in Rock Island.

Harry J. Klotz, 814 N. Perry ave., Peoria, assistant operating engineer, Illinois Traction System, is to be married next fall to Natalia Jobst.

Charles H. Belting is teaching in Emporia, Kan.

The address of Charles M. Kennan is 2366 Stratford ave., Cincinnati.

Orr M. Allyn is assistant in farm crops in the University.

Supervising engineer of the National X-Ray reflector co. is the position of L. H. Graves. His address is 21 W. 46th st., New York. On June 15, 1915, he married Helena Mann in Chicago.

Geo. A. Harnack, Y. M. C. A., Kewanee, is sales manager for the Success co.

Otto J. Schwartz, 1229 S. St. Louis ave., Chicago, who is principal of a township high school, during the summer of 1914 and 1915 has been a graduate student in the school of education, university of Chicago.

T. O. Prather is a lawyer at Newton.

Walter Roman Jr. is in business for himself at 940 syndicate trust bldg., St. Louis.

The address of Elizabeth McGill is 4036 Adams st., Chicago.

W. G. Gordon is with Dabney Maury, engineer, in the Monadnock block, Chicago. He lives at 6131 University ave.

W. S. Gentry has bought a home at 3324 Virginia ave., Kansas City, Mo. He is still with the Barrett manufacturing co.

F. B. Leonard Jr., who has been taking law in the University, received first

honors in both adjective and substantive law this year in the junior class. He also won the Cyclopedic law dictionary offered to juniors by the Callaghan law book co.

Harry Sewall was married to Anna Landee, ex-'16, on June 24 at Moline. They will live on a plantation near Clarksville, Miss.

The engagement of Augusta Bond of Urbana and Rhea Gordon Smith of St. Louis has been announced. Miss Bond since graduation has been teaching at Metcalf and Champaign. Mr. Smith is with the Mansanto chemical works of St. Louis. He is a Rutgers graduate, and from 1909 to 1911 was in the soil physics department of the University.

C. L. Simons is a thoroughgoing agriculturist at Kentland, Ind.

W. E. Dalbey Jr. is at the throttle of a 250-acre farm, Granville, O.

Alice C. Thayer is in charge of the United Charities office in Champaign during the summer.

Mr. and Mrs. M. D. Abney announce the birth of a daughter, Frances Gertrude, on June 20. Mr. Abney teaches in the Shelbyville high school.

Earl Mattson and Elizabeth M. Smith, '15, were married on June 30 at Urbana. They are living in Birmingham, Ala., where he is in engineering work.

Lester Herbert Graves and Helena Mann were married on June 15 at Chicago. They are at home in New York City, 2690 Valentine ave.

Elizabeth Cass has resigned her place as instructor in the library school of Western Reserve university on account of ill health. Her address is now Chicago, 2400 Indiana ave.

The address of G. S. Arbuckle is 934 Leland ave., Chicago.

Members of the class receiving their master's degrees at commencement were: Delmar G. Cooke and Amelia L. Kay in English and Jefferson H. Belt in electrical engineering. The degree of

Ph.D. was granted to Charles E. Holley in education.

P. K. Miles is vice-president and general manager of the Savanna construction co., Savanna.

Frank M. Chase and Ethel Reynolds Drummond (Chase), '11, announce the birth of a son, Frank Reynolds, on June 9. Mr. Chase is assistant editor of the *Prairie Farmer*, Chicago.

The address of Julius J. Mojonnier and Eleanor Mench (Mojonnier) is 178 N. Cuyler ave., Oak Park.

1913

Mrs. S. W. Cleave, Prairie View farm, Marseilles, Illinois, Secretary

Members of '13 registering at commencement were:

Cornelia G. Mather	H. J. Snider
E. C. Myers	James F. Harshbarger
E. S. Lee	Lewis T. Gregory
A. Elston	Marie Freeman
Leo W. Elston	Edith Senderburgh
Eleanor Hubbard	Mabel McIntyre
Ray C. Sparks	Bettie Boyers
H. D. Valentine	Mrs. C. M. Hunter
Claribel Fehrman	R. E. Turley
Barney C. Bernard	Newton L. Partridge
J. H. Checkley	Harry Fuls
A. M. Brunson	Harold Mann
Julia M. Barber	Nellie Roberts
Marguerite Gauger	J. F. Schnellbach
Myrtle A. Cruzan	Ray C. Sparks

James F. Brown and Harry I. Hannah, who received their bachelor degrees in '13, received the degree of doctor of law this year.

F. X. Loeffler is with the Consolidated engineering co., St. Louis, 710 Wright bldg.

Frank M. Milne and Mary Irene Burch were married on June 19 at Lockport.

Philip Quincy Wright, who took his master's degree in 1913, and received his Ph.D. from Illinois this year, has been granted a fellowship in political science in the university of Pennsylvania.

Paul Haldeman was married to Marguerite Dodds, ex-'14, on June 15 at Champaign. They are spending the summer in Sioux City, Ia.

The engagement of Frederick E. Berger of Davenport, Ia., and Agnes Zilly of Champaign was announced on July 13.

C. H. Watts, known more widely as Snorky Watts, was married on Dec. 29, 1914, to Ruth Dalley of Cincinnati, N. Y. He has been teaching history in the Pontiac high school.

H. Bruce Piper, who during the regular school year is instructor in agronomy in the department of agriculture of the Southern Illinois state normal school at Carbondale, is spending the summer at the university of Missouri, doing work for his master's degree. He may be addressed at 806 Hillcrest ave.

J. H. Kuhl Jr. has moved to 140 S. Van Ness ave., Los Angeles, Calif.

Paul Strehlow is with V. Jobst & son, general contractors, Peoria. The Jobst firm, of which George J. Jobst, '97, is a member, has erected several buildings for the University, including the Physics building, Natural History hall, the Agricultural buildings, and the Chemical laboratory.

Agnes Cooper is now living at 3954 Wyandotte, Kansas City, Mo.

L. C. Barber's address has been changed to 201 S. 4th st., Aurora.

Roscoe Rockwood is a coal dealer in Gibson City, a member of the firm of Rockwood & Harry.

Paul R. Croll's mail should be directed to Box 511, Palmerton, Pa.

Emma Fahrnkopf has been teaching in the Mazon township high school during the past year.

Mrs. Charles D. Wesselhoeft is now at Lake Bluff, and letters should be addressed there (Box 5) instead of to Chicago.

The address of Glenn H. Stough has been changed from Champaign to Chicago, 6357 Normal blvd. His letterhead would have it that he is in the commissioner's office of the department of public service of the city of Chicago.

Margaret McClintock may be addressed at 152 N. Lotus ave., Chicago.

J. F. Thomason has moved to 12029 Stewart ave., W. Pullman, Chicago.

H. E. Gaddis may be addressed in care of the Milwaukee Y. M. C. A.

N. C. Sorensen may be addressed at Minneapolis, Minn., care of the Y. M. C. A.

Mary V. Bruner's address is now Urbana, 914 W. Green st. She will teach in the Urbana high school.

A. D. Smith's address in Chicago is now 16 S. Hamlin ave.

Nellie R. Roberts received her degree in library science in June.

Members of the class receiving master's degrees at commencement were: Henry T. McKinney in education; Clifton W. Clark and Clarence S. Ross in geology; Henry C. Zeis in Mathematics; Julia M. Barber in English; Alma J. Neill in physiology; Louis Allen in romance languages; Homer E. Chenoweth in zoology; Arthur F. Heck in agronomy; Juanita E. Darrah, Everett H. Taylor, Scott C. Taylor, and Howard D. Valentine in chemistry; Merle L. Nebel in mining engineering; Robert E. Turley Jr. in theoretical and applied mechanics.

Martha Bonham's address for the summer is Watseka.

Joseph McCrary McCune was married on June 30 at Kansas City, Mo., to Shirley Cole. Their address is 600 W. 56th st.

Glenn Cliffe Bainum and Manta Wilson Putcamp were married on June 9 at Carbondale.

Arthur S. Nevins has been appointed a fellow in rhetoric in the university of Minnesota for next year.

Earl Rundles should be addressed at Ft. Wayne, Ind.

"I should not want to do without the *Quarterly* and *Notes*," says Isabella Anderson.

"I have been fortunate enough to meet a number of Illini in my travels over the southern part of the state," writes H. C. Wolf, a service inspector

with the state public utilities co., Springfield, "and I must thank *Fortnightly Notes* for many of these meetings."

M. P. Taylor's address is now Des Plaines.

F. A. Rumery's address is now 121 N. Kinney st., Angola, Ind.

R. E. Blackburn received the degree of M.S. A. from the university of Georgia in June.

W. F. Wong may be addressed at Shanghai, China, Kiaachow road.

1914

Naomi Newburn, 1006 west Main street, Urbana, Secretary

Members of the class registering at commencement were:

E. G. Hersman	H. I. Reeves
W. M. Welty	Bertha Lee Sharp
P. C. Rich	Rae A. Goldman
M. E. Dunlap	Wintress Brennan
J. H. Anderson	Alan N. Ash
Tom C. Stone	Bernice Wright
E. H. Berry	C. L. Luckett
Geo. E. Ellis	Oscar Roman
Opal Keller	Marcella Nagel
A. O. Budina	Nell Kirkpatrick
Bertha Wykle	R. W. Owens
Naomi Newburn	E. A. Reid
Glen W. Schroeder	Helen W. Grant
Elizabeth Hinshaw	Grace Morgan
L. T. Powers	Elizabeth Voss
W. H. Boyer	Frank Richart
A. P. Holt	Dora M. Nebel
Eva Dodds	Grace Campbell
F. E. Van Doren	E. J. Anderle
Marie Sanders	Joseph Pitts
C. R. Velzy	Katherine Chase
Phoebe T. Schnellbach	Luella Buman
D. K. Morrison	Myrtle Cruzan
Pauline Carrier Galeener	N. A. Strong
Agnes Olson	Geraldine Bullard Newcomb
Jessie B. Rothgeb	Bess Lindley
Frances	A. Nichol

The reunion went off in good style in spite of the rain on Monday, which nullified the tent festivities planned for the north campus. When it was seen that the rain had set in for all afternoon, all of the '14s made for the new Armory, where the lawn festival was held. A bus line between there and the Y. M. C. A. was provided and many of the class took advantage of the chance to ride down.

In the Armory the '14 standard was the center of a good crowd; in fact, 1914 had more members back than any other class, and if the trophy had been awarded on the basis of numbers present rather than percentage, the class would have taken first. Frappé was furnished to all the members, and the secretary had her records on hand and was kept busy revising her cards. The class had a table at the alumni dinner, and those who attended report an enjoyable time.

N. D. Belnap, who is studying law at the University, won first and second scholarships in substantive law.

L. W. Glover is instructor in vocal music and director of the chorus at Central college, Ia.

C. B. Hershey is now at Merom, Ind. He has charge of the Union Christian college at that place.

The address of Erma D. Roberts is now Chicago, 11948 Stewart ave.

Frankie L. Holton, assistant secretary of the Y. W. C. A. at the University during the past year, has resigned her position.

Mabel Schadt may be addressed at St. Louis, care of the Y. W. C. A.

Robert R. Reimert Jr. is a member of the firm, Reimert & O'Brien, architects, Miami, Fla., 1008 ave. K. In sending in his renewal Mr. Reimert speaks with appreciation of the enjoyment he has had from the *Quarterly* and *Fortnightly* the past year.

E. D. Lawrence will be principal again next year of the John Swaney consolidated school at McNabb. He says that the *Quarterly* and *Notes* have been "a strong investment this past year. My renewal is the easiest one I have to make."

L. M. Bauer is the only Illinus in his part of the state (Horton, Kan.), but the loneliness increases his interest in the University and he enjoys the *Quarterly* and the *Fortnightly* all the more when they arrive. He expresses his

appreciation "of the good work done by the Association, chiefly in the publications."

H. H. Henline's address for the summer is Colfax.

Stanley L. Pogue and Lois Boston were married on June 18 at Decatur. They are living in that city, where he is associated with the law firm of La Forgee, Miller & Vail.

Marguerite Dodds was married on June 15 at Champaign to Paul Halde-
man of St. Louis. They are spending the summer in Sioux City, Ia.

Mildred Van Cleve will be at Ma-
comb, 224 Ward st., until Aug. 30. Af-
ter that date she will be at Rollo.

R. E. Davies is at Bement for the summer. His working address is Chi-
cago.

R. B. Kessler writes from Tulsa, Okla., on the stationery of the Okla-
homa natural gas co., land dept.

The address of Myrtle Stahl for the summer is Augusta.

Grace Morrell is visiting the Panama-
Pacific exposition in San Francisco. She
stopped to visit her brother in Ogden,
Utah.

Tom C. Stone is teaching at Ohio
State University, Columbus.

"I have had a profitable and enjoyable
year in the Harvard medical school,"
writes H. M. English from Boston,
"and am looking forward to another."

Max B. Higgins has moved to Hous-
ton, Tex., 528 blvd.

J. E. Noon has taken up work as
boys' director of the Y. M. C. A. in
Danville.

The secretary is on the extension staff
of the household science department.
During the summer she is assisting in
boy and girl club demonstrations.

D. K. Morrison is with the Address-
ograph co., Chicago, and lives at 4457
N. Paulina st.

W. C. Sigerson, in the Harvard law
school this year, has taken a position
with the Great Northern paper co.,

which operates mills in the east. He
is located in Millinocket, Me.

Ernest Lawrence will teach again
next year in the John Swaney consoli-
dated school, McNabb.

From Clio, Mich., comes the word
that Ruth Halliday should now be ad-
dressed at Binghamton, N. Y.

Elmer McCormick's address is 719
25th st., Moline.

Doc Cockrell is back in Chicago, af-
ter a stay in Pennsylvania. Letters sent
to 5820 S. Park ave. will reach his
parlor table.

Fred J. Blackburn should now be ad-
dressed at 603 E. White st., Champaign.

J. H. Anderson is in the Pittsburgh
office of the Universal Portland cement
co., 532 Frick bldg.

Margaret Harris and William Levis,
'13, were married on June 29 at Cham-
paign. They are living in Alton, where
Mr. Levis is associated with his father
in the Illinois glass works.

Walter H. Scales and Leola Good-
man were married on June 9 at Cham-
paign. They are living at Waterloo, Ia.

Members of the class receiving mas-
ter's degrees from the University at
commencement were: Odessa M. My-
ers in classics; Olive A. Paine in edu-
cation; Tsung Han Hsu in geology;
Frederick C. Swanson in history; Mark
A. Van Doren in English; Emil F.
Schaarman in German; Olive F. Miller
in romance languages; Clarence Barbee
and Axel M. Hjort in chemistry; Wil-
liam A. Albrecht in agronomy; Frank
E. Richart in civil engineering; Leslie
W. Faulkner, Raymond W. Owens,
Gundayn Mizoguchi, Ernest A. Reid
and John L. Simonich in electrical en-
gineering; William S. C. Pung in rail-
way engineering.

Nobtaro Inagaki is with Masuda &
co., importers and exporters, Sakae Ma-
chi Shichome, Japan.

On June 15 Ogle Hesse Sears was
married to Helen Louise Troop at West

Lafayette, Ind. They will be at home in West Lafayette after Oct. 1.

Thomas D. Hall received his A.M. from Cornell in June.

H. Earle Thompson's address is 924 S. Oakley blvd., Chicago.

R. H. Wilkins writes from Hathorne, Mass., where, judging from his stationery, he is teaching in the Independent agricultural school of Essex county.

Beatrice Dean's address for the summer is Harrisburg. After Sept. 1, letters should be sent to Lovington. "I should sooner forego any pleasure," writes Miss Dean, "than my *Quarterly* and *Notes*. They cheer away dull hours."

Otto G. Schaffer came back to the reunion and saw "for the first time as a spectator an Illinois commencement." He is in favor of having underclassmen stay over for commencement.

W. C. Ropiequet and Alta Green, '15, were married on June 17, the day after commencement, at Urbana. They are living in Des Moines, Ia.

R. C. Frazee is in Central City, Ia.

Mrs. E. R. Stetson (Lottie Steele) is living near Neponset, R. R. 3.

Burley F. Lamb, who received his M.A. in economics from the University last year, has been granted a fellowship in economics at Pennsylvania.

Zessie Kline will teach mathematics in the Urbana high school again next year.

In Chicago P. H. Goldberg, 531 insurance exchange building, is a life insurance agent. I. R. Carter and H. S. Tressel have been studying at the University of Chicago. E. H. Pengilly is with the Commonwealth Edison co., and W. L. Bublitz is with Fuller Brothers, contractors. Erick Tinzmann is in the sales department of the Goodrich tire co. A. L. Wagner sells real estate, and occupies some at 6226 Woodlawn ave.

H. H. Kuhn writes from Norfield, Miss., where he is in the executive of-

fices of the Natchez, Columbia and Mobile r. r.

"The contents of *Fortnightly Notes* are very interesting and amusing too," writes B. Dass. I carefully read every line, and am really glad to say that I read them with pleasure and profit."

Surya K. Roy, who has been doing graduate work in the University, expects to return next year to India, his native country.

W. F. Blatherwick is at Springfield, Mo., 533 Cherry st.

Warren W. Crabb was married on June 10 at Bloomington to Elizabeth Monroe. They are living at Delavan, where he is associated with his father in the banking business.

Bess M. Lindley will be married on Aug. 24 to John W. Eck, '11, at Urbana. They will make their home at Moorhead, Minn., where he is director of manual arts in the state normal school.

R. L. Smith should be addressed at Rome, N. Y., Box 186.

Bertha Wykle has been teaching in the Marseilles high school.

Jack Fletcher is farming near Deerfield.

Ellis McFarland is assistant secretary of the Percheron society of America.

Glenn W. Schroeder may be addressed in care of John Foster, Gibson City.

E. O. Siegfried is with the Henry Erickson engineering co., Chicago.

1915

Marie Rutenbur, 405 west Springfield avenue, Champaign, Secretary

Members of the class strolling in to register were: E. M. Shaw, I. Anderson, Eva Weilepp, and Julia E. Renner.

Irma A. Latzer will attend Columbia next year. She will take graduate work in dietetics.

Wilbur O. Pendarvis, who received his degree this year in liberal arts, will return in the fall and enter the college of law.

Gerald D. Stopp won the state oratorical contest of the intercollegiate peace association held at Augustana Apr. 9, taking as his subject, Behind the War Cloud.

Mabel Jackson is assisting in the physical training department of the University during the summer session.

E. De Witt Bell should be addressed at Arcola.

Ralph L. Hermann is with the Westinghouse electric and manufacturing co., Pittsburg.

Edward A. James begins work in August at the Chicago central station institute, 72 W. Adams st.

Ray I. Shawl will teach agriculture next year. His home is in Peoria.

Milo C. Taylor may be addressed at El Paso. Taylor graduated in pharmacy from Northwestern in 1908, but soon thereafter became tired of the drug business and turned to civil engineering.

Frank A. Bush is located in Peoria, where he is associated with his father in the drygoods business.

R. M. Barlow is in the insurance business in Champaign.

E. H. Morrissey is in the advertising department of Montgomery Ward & co., Chicago.

W. C. Rappleye has been appointed prosecutor in the Harvard medical school. This is a distinct honor and has been gained in competition over a large class, including students from a considerable number of institutions.

Orion N. Wing has been appointed superintendent of the Wing (Ill.) schools.

Anna Turley has been appointed instructor in playground work for the Urbana-Champaign playground association.

Harold Ordway Rugg, who received his Ph.D. in education from the Graduate School in June, has been appointed instructor in the department of education in the University of Chicago.

Roe Niver, who finished his work for his bachelor's degree in February and later registered in the graduate school, died at his home in North Fairfield, Ohio, on May 8, after an illness of several weeks of pneumonia.

Y. T. Cheng should be addressed at Hong Kong, S. China, 18 Mercer st.

Harry E. Bigler, who was business manager of the *Illini* in 1914-15, has a position with the Packard motor co., Chicago. His residence address is 3602 Drexel ave.

Barrett Rogers is traveling solicitor for the McGraw publishing co., New York. He should be addressed at Oak Park, Ill., 525 N. Ridgeland ave.

George Rutledge, who received his Ph.D. from the graduate school in June, has been appointed instructor in mathematics in the Massachusetts institute of technology.

Pauline Osborne, Champaign, will teach again next year in the Champaign public schools. She is attending the summer session of the University.

G. Arthur Holloway is general counsel for the anti-saloon league of Colorado.

Bernice Powell's address is Houston, Tex., 316 Harvard st.

J. H. Rapp's address for the summer is Fairfield.

G. W. Karraker is with the Shafer investment co., Champaign.

Dorothy Rinaker's address is 1331 Noble ave., Springfield.

Florence Johnston is manager of the Y. M. C. A. cafeteria at the University.

S. R. Derby, left end on the 1914 championship football team, has been appointed director of athletics at Lombard college, Galesburg.

Harold E. Barden should be addressed at 406 Monterey road, Pasadena, Calif.

The address of Frank E. Walser is 34 Plaza st., Brooklyn, N. Y.

A. M. Bagusin should be addressed at Urbana, 1307 W. Main st.

F. W. Panhorst should be addressed at Staunton in care of J. C. Panhorst.

Naomi Hartford will be a teacher in the grade schools of Champaign next fall.

Elizabeth M. Smith and Earl Mattson, '12, were married on June 30 at Urbana. They are living in Birmingham, Ala., where he is in engineering work.

Q. Nathan Saperston, *ee*, may be addressed at St. Charles, his home.

George Senneff, member of the '14 football team, will coach the Taylorville high school teams beginning next fall. He will also teach agriculture and science.

Ira L. Rush is playing ball with a local team at Minot, N. D. During his leisure hours he is engaged in an architect's office.

Harry M. Zeter's address is Lincoln, Ill.

MARRIAGES

- 1899 Florence Mary Smith, *la*, to Philip Arthur Conard, *la*-'01, on June 30, 1915, at Rio de Janeiro, Brazil.
- 1901 H. A. Gleason, *sci*, to Eleanor Thea Mattei, on June 9, 1915, at Fresno, Cal.
- 1901 Philip Arthur Conrad, *la*, to Florence Mary Smith, *la*-'99, on June 30, 1915, at Rio de Janeiro, Brazil.
- 1902 William Neil Dunning, *ce*, to Beatrice Marie Kennedy, on May 1, 1915, at Chicago.
- 1903 Sophie Hyde, *la*, to L. A. Hubachek on Mar. 5, 1915.
- 1903 H. J. Quayle, *sci*, to Elizabeth Reed, on July 7, 1915, at Oakland, Calif.
- 1904 Louis B. King to Lou Wood on Apr. 27, 1915, at Champaign.
- 1906 Ralph Corson D'ewelyn, *ce*, to Louise Brooks Ty'er, on May 25, 1915, at La Grange.
- 1907 Charles Taylor Moss, *lt*, to Lillian Katherine Christoph, on June 11, 1915, at Chicago.
- 1907 Stanley P. Farwell, *ce*, M.S., '10, Ph.D., '14, to Louise Austin, '14, on Jan. 1, 1915, at Monmouth.
- 1907 F. R. McCullough, *la*, to Mattie Carter Trumbell in Dec., 1914, at Chicago.
- 1907 S. H. Grauten, *ce*, to Yolande Marie Faure, on July 1, 1915, at New Orleans, La.
- 1907 L. R. Wilson, *la*, to Hester Cameron, on June 27, 1915, at Lincoln.
- 1908 A. W. Homberger, A.M., Ph.D., '10, to Iva Ward, on June 14, 1915, at Bloomington.
- 1909 Otto Charles Stanger, *chem eng*, to Bess M. Yetter on July 17, 1915, at Chicago.
- 1909 John H. Baird, *ag*, to Edna M. Minard on Apr. 28, 1915, at DeKalb.
- 1909 Claude Rowland to Miss McKinley on July 12, 1915, at Unionville, Mo.
- 1909 Elizabeth Kirk, *la*, to Ewell Robinson, on June 28, 1915, at Omaha, Neb.
- 1910 George Guy Jeter, *ce*, to Ruth Emma Griffen, on June 2, 1915, at Pittsfield, Mass.
- 1910 M. A. Berns, *ce*, to Genevieve Francisco, on June 22, 1915, at Cleveland, O.
- 1910 V. B. Fredenhagen, *ce*, to Marjorie Hamilton on May 23, 1915, at Wynne, Ark.
- 1910 Ferdinand Jehle, *rec*, to Linda Herman on Jul. 25, 1914, at Highland.
- 1911 Jack Addison Scanlan, *ce*, to Carrie Luella Schneider on June 16, 1915, at Chicago.

- 1911 Helen Dickson James, *la*, to George Enfield Frazer on June 9, 1915, at Urbana.
- 1911 Preston W. Cummings, *me*, to Frances Bengston, on May 1, 1915, at Coloma, Mich.
- 1911 Grace Challand, *la*, to Charles W. Pollock on June 16, 1915, at Detroit, Mich.
- 1911 Louise James, *la*, to Harold Davidson Bargelt on May 29, 1915, at Chicago.
- 1911 F. William Wascher, *ag*, to Eugenia Leiter on June 24, 1915, at Maroa.
- ex-'11 G. C. Ehrgott to Loretta Campbell, on June 25, 1915, at Champaign.
- ex-'11 Arthur Specht, *ee*, to Ruth A. Clarke, on May 19, 1915, at Urbana.
- ex-'11 Mary Lucile Waddell to Warren Albert Ruth on June 25, 1915, at Princeton.
- 1912 Clara Brooks, *la*, to Ralph A. Bennitt, '13, on May 1, 1915, at Saunemin.
- 1912 Dana H. Stevenson, *ag*, to E. Laura O'Harra on May 15, 1915.
- 1912 R. R. Clarke, *ry ee*, to E. A. Schreiber on Nov. 12, 1914, at Elmhurst.
- 1912 John P. Sheay, *ag*, to Emma Olive Nelson on Jul. 20, 1915, at Litchfield, Minn.
- 1912 Robert G. Young, *ee*, to Marguerite A. Glendinning on Dec. 30, 1914, at Austin.
- 1912 Harry Sewall, *ag*, to Anna Landee, ex-'16, on June 24, 1915, at Moline.
- 1912 Lester Herbert Graves, *ee*, to Helena Mann on June 15, 1915, at Chicago.
- 1912 Earl Mattson, *me*, to Elizabeth M. Smith, *mus*-'15, on June 30, 1915, at Urbana.
- 1912 R. G. Real to Myrtle Bowers on May 18, 1915, at Urbana.
- ex-'12 Grace A. Gay, *la*, to Frank Eugene Van Doren, *ag*-'14, on Apr. 14, 1915, at Quincy.
- 1913 Paul Johnson Haldeman, *la*, to Marguerite Dodds, ex-'14, on June 15, 1915, at Champaign.
- 1913 Claude Harrison Watts, *la*, to Ruth Dalley on Dec. 29, 1914, at Cincinnati, N. Y.
- 1913 William Levis, *law*, to Margaret Harris, *la*-'14, on June 29, 1915, at Champaign.
- 1913 Joseph McCrary McCune, *la*, to Shirley Cole on June 30, 1915, at Kansas City, Mo.
- 1913 Glenn Cliffe Bainum, *la*, to Manta Wilson Putcamp on June 9, 1915, at Carbondale.
- 1913 Andrew J. Johnstone, *ag*, to Helen A. Amsbary on Apr. 6, 1915, at Champaign.
- ex-'13 Frank Maitland Milne to Mary Irene Burch on June 19, 1915, at Lockport.
- 1914 Wilfred C. Ropiquet, *la*, to Alta Green, '15, on June 17, 1915, at Urbana.
- 1914 Margaret Harris, *la*, to William Levis, *law*-'13, on June 29, 1915, at Champaign.
- 1914 Walter Howard Scales, *ae*, to Leola Ione Goodman, *hsc*, on June 9, 1915, at Champaign.
- 1914 Ogle Hesse Sears, *ag*, to Helen Louise Troop on June 15, 1915, at West Lafayette, Ind.
- 1914 Leola Ione Goodman, *hsc*, to Walter Howard Scales, *ae*-'13, on June 9, 1915, at Champaign.
- 1914 Frank Eugene Van Doren, *ag*, to Grace Amelia Gay, ex-'12, on Apr. 14, 1915, at Quincy.
- 1914 Leon A. Triggs, *la*, to Bess Louise Grigsby, on Apr. 21, 1915, at Edwardsville.
- 1914 Stanley L. Pogue, *law*, to Lois Boston on June 18, 1915, at Decatur.

- ex-'14 James Edward Byrnes, *ag*, to Katharine Gertrude Wynn, on Apr. 27, 1915, at Evanston.
- ex-'14 Marguerite Dodds, *la*, to Paul Haldeman, *la*-'13, on June 15, 1915, at Champaign.
- ex-'14 Warren W. Crabbe, *ag*, to Elizabeth Monroe on June 10, 1915, at Bloomington.
- 1915 Alta Green, *la*, to Wilfred C. Ropiequet, *la*-'14, on June 17, 1915, at Urbana.
- 1915 Elizabeth M. Smith, *mus*, to Earl Mattson, *mc*-'12, on June 30, 1915, at Urbana.
- 1915 Fred Romine, *ag*, to Daisy Nelson, ex-'17, on June 1, 1915, at Canton.
- ex-'15 Ethel Barrows, *hsc*, to Orville G. Hankins on May 9, 1915, at Jackson, Miss.
- ex-'16 Sarah Jane Wiley, *hsc*, to Russell George Roland on June 16, 1915, at Champaign.
- ex-'16 Anna Landee to Harry Sewall, *ag*-'12, on June 24, 1915, at Moline.
- ex-'16 Edwin Galbraith Barrett to Esther Wilhelmina Kruidenier on June 19, 1915, at Des Moines, Ia.

BIRTHS

- 1901 To Frank W. Scott, *la*, and Ethel Forbes (Scott), *la*-'03, on July 9, 1915, a son, Hugh Forbes.
- 1902 To Edwin Lyon Draper, *sci*, and Frances Headen (Draper), on July 18, 1915, a son, Walter Headen.
- 1903 To Clarence Wilson Fiske, *mc*, M.E.-'11, and Marjorie Gage (Fiske), ex-'09, on July 19, 1915, a son, Charles Gage.
- 1903 To Ethel Forbes (Scott), *la*, and Frank W. Scott, *la*-'01, on July 9, 1915, a son, Hugh Forbes.
- 1907 To Roger F. Little, *la*, and Julia Bush (Little), ex-'09, on May 6, 1915, a son, Robert Bush.
- 1907 To C. Robert Moulton, *sci*, and Edith Lehnén (Moulton), on May 4, 1915, a daughter, Ruth Elizabeth.
- 1907 To R. T. Calloway, *cc*, and Anne Michaelson (Calloway) on Mar. 4, 1915, a daughter, Mildred Frances.
- 1909 To Zita Jackson (Leonard), *la*, and Charles E. Leonard on May 15, 1915, a daughter.
- 1909 To Kenneth Hammet Talbot, *cc*, and Gertrude Phillips (Talbot) on June 7, 1915, a son, William Phillips.
- 1909 To Ruth Buffum (Maucker), *la*, and James W. Maucker, on Mar. 19, 1915, a son, Robert Buffum.
- ex-'09 To Julia Bush (Little) and Roger F. Little, *la*-'07, on May 6, 1915, a son, Robert Bush.
- ex-'09 To Maurice S. Meeker, *ag*, and Mrs. Meeker on May 28, 1915, a son, William Maurice.
- 1910 To Ernest DeWitt Walker, *ag*, and Nellie Battson (Walker) on June 13, 1915, a son, Ernest Warren.
- 1910 To Russell A. M. Anderson and Sue Holmes (Anderson) on Dec. 30, 1914, a daughter, Lauretta Elizabeth.
- 1910 To E. B. Righter, *cc*, and Vera Ross (Righter) in June, 1915, a daughter, Janet.
- 1911 To William E. Hart, *ag*, and Cora Van Galder (Hart), *hsc*-'08, on Feb. 20, 1915, a son, Robert Talbot.
- 1911 To William H. Almy, *cc*, and Florence Baird (Almy) on Apr. 28, 1915, a daughter, Lois.

- 1911 To Ethel Reynolds Drummond (Chase) and Frank M. Chase, ex-'12, on June 9, 1915, a son, Frank Reynolds.
- 1911 To Eva McIntyre (Gauger), *lx*, and Paul C. Gauger, *ae*-'13, on Apr. 23, 1915, a son, Paul Charles J.
- 1911 To Chester Otis Reed, *ag*, and Helen Agate (Reed) on May 6, 1915, a daughter.
- ex-'11 To Judson E. Harriss and Mrs. Harriss on Mar. 25, 1915, a son, Judson Emery.
- 1912 To M. D. Abney, *sci*, and Mrs. Abney on June 20, 1915, a daughter, Frances Gertrude.
- 1912 To Kenneth Bebb, *ag*, and Gertrude Corlett (Be'b) in May, 1915, a son, Edwin Corlett.
- ex-'12 To Ida Dewey (Johns), *lx*, and W. F. Johns, *lx*-'14, in May, 1915, a daughter.
- 1913 To Paul C. Gauger, *ae*, and Eva McIntyre (Gauger), *lx*-'11, on Apr. 23, 1915, a son, Paul Charles, Jr.
- 1913 To Arthur Morris, *lxw*, and Clara Cronk (Morris) *hsc*-'14, a son, Arthur James II.
- 1914 To W. E. Johns, *lx*, and Ida Dewey (Johns), ex-'12, in May, 1915, a daughter.
- 1914 To Clara Cronk (Morris), *hsc*, and Arthur Morris, *law*-'13, a son, Arthur James Morris II.

DEATHS

- 1872 Isaac Stuart Raymond, *la*, born Jan. 29, 1849, at Raymond, O., died July 19, 1915, at Sidney, Ill.
- ex-'74 Dick Connett, died June 23, 1914, at Vale, Ore.
- 1877 Martha E. Page (Whitman), *la*, born Aug. 14, 1847, died Apr. 20, 1915, at Olympia, Wash.
- 1877 William Buckingham, *mc*, born Apr. 25, 1855, at Mt. Vernon, O., died June 20, 1914, at Clifton, Ariz.
- 1892 Frank Robert Williamson, *ce*, born in 1867 in Hartford co., Md., died July 11, 1915, at Chicago.
- 1901 Horatio W. Baker, *ce*, born July 9, 1879, died July 8, 1915, in San Francisco, Calif.
- 1903 Roy Sheldon Parker, *la*, born May 1, 1882, at Toluca, died June 21, 1915, at Flanagan.
- 1905 Estella McCarthy (Meier), *la*, died in April, 1915, in Michigan.
- ex-'07 Mylo Lee, born May 12, 1884, died Dec. 13, 1914, at Monrovia, Cal.
- ex-'10 Irene Burrill (Dansie), born July 20, 1885 at Urbana, died June 20, 1915, at Colorado Springs, Col.
- 1912 Amanda Emma Stapel, *la*, died Aug. 10, 1914, at Silver City, N. M.
- ex-'12 Henry B. Shippy, born June 3, 1887, at Chicago, died Apr. 20, 1915, at Chicago.
- ex-'14 Howard J. Burger, died Mar. 2, 1915, at Woodstock.
- 1915 Roe Niver, born May 8, 1891, at Havana, Ohio, died July 5, 1915, at North Fairfield, Ohio.

THE ALUMNI QUARTERLY OF THE



If you like this QUARTERLY, lend it to an alumnus who does not belong to the Association and tell him he ought to be sorry for himself.

If you do not like it, tell the editor what you think.

VOLUME IX

JULY, 1915

NUMBER 3

EDWARD P. RUSSELL

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First and Refunding Mortgage 5% Gold Bonds.

Due October 1st, 1956. Interest payable April 1st and October 1st.

Price to net better than 5 $\frac{3}{8}$ %

6% Cumulative Preferred Stock

Tax exempt in Illinois. Earnings largely in excess of dividend requirements.

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Price to net better than 6%

Illinois Northern Utilities Company

First and Refunding Mortgage 5% Gold Bonds.

Due April 1st, 1957. Interest payable April 1st and October 1st.

Price to net better than 5 $\frac{3}{4}$ %

6% Cumulative Preferred Stock.

Tax exempt in Illinois. Dividends payable quarterly.

Price to net about 7 $\frac{1}{2}$ %

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SOUTHERN CALIFORNIA ALUMNI ASSOCIATION. *Pres.*, Frank L. Drew, 1154 North Mentor ave., Pasadena; *Sec'y.*, Ernest T. Ingold, '09, 335 S. Hill st., Los Angeles.

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BALLOT

[Please mark, tear out and mail at once to the Alumni Association. For detailed explanation, see page 227.]

Shall article 2, section 3; article 3, section 2; article 3, section 1; article 3, section 3; and article 10, section 2 of the constitution of the Alumni Association be amended as proposed by the executive committee?

☐ Yes

☐ No

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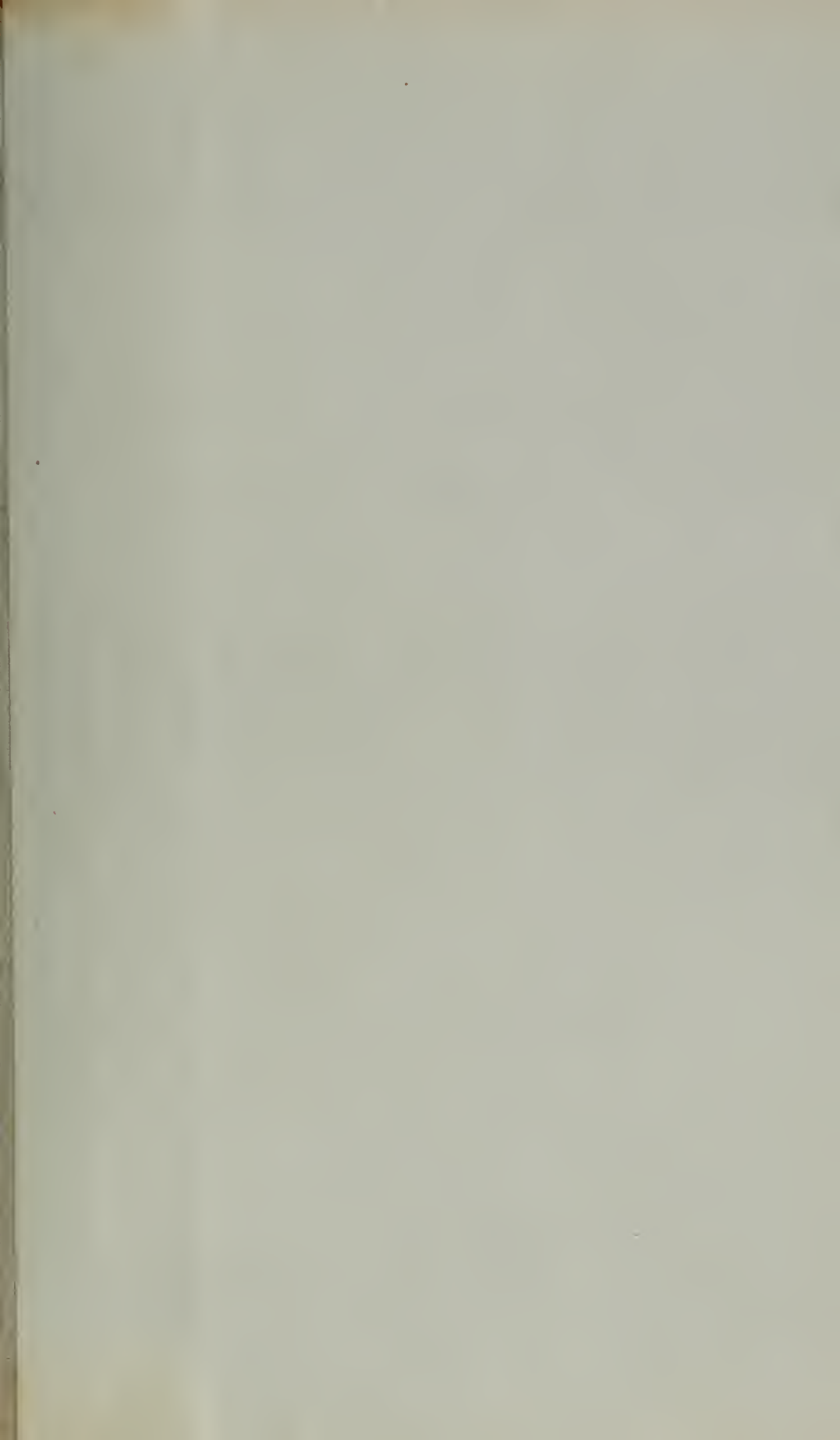
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